

UNIVERSITY PENNSYLVANIA LIBRARIES



Rittenhouse Ornery

			,
		- 4	



	4			
		4,		
			¥	

1 -			
· ÷			
1 8 10			
;			
i			
•			
		15,00	
	to UEC	·	

Residence at 19tth Avenue and Seventy-eighth Street, New York

THE SIXTEENTH ANNUAL ARCHITECTURAL EXHIBITION PHILADELPHIA

1910

THE T SQUARE CLUB

AND

THE PHILADELPHIA CHAPTER AMERICAN INSTITUTE OF ARCHITECTS

UNDER THE PATRONAGE AND AT THE GALLERIES OF

THE PENNSYLVANIA ACADEMY OF THE FINE ARTS

103 810 0 1865

BROAD STREET ABOVE ARCH STREET, PHILADELPHIA

APRIL NINTH TO MAY EIGHTH

PUBLISHED BY

THE T SQUARE CLUB

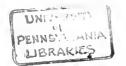


DESIGN FOR A LIBRARY WINDOW THE D ASCENZO STUDIOS

COPYRIGHT 1910 BY LAWRENCE VISSCHER BOYD

PRISS OF
MCLAUGHLIN PRINTING CO., LTD
12-14 SOUTH ORIANNA STREET
PHILADLLPHIA

FINE ARTS



COMMITTEES

Jury of Selection

LAWRENCE VISSCHER BOYD, Chairman 1215 Harrison Building, Philadelphia

Theophilus P. Chandler

NICOLA D'ASCENZO

CHARLES GRAFLY WILLIAM D. HEWITT J. Monroe Hewlett

GEORGE SPENCER MORRIS

Louis C. Newhall

George U. Rehfuss

HORACE WELLS SELLERS

Exhibition and Catalogue

LAWRENCE VISSCHER BOYD, Chairman. 1215 Harrison Building, Philadelphia

NICOLA D'ASCENZO

GEORGE SPENCER MORRIS

GEORGE U. REHFUSS

HORACE WELLS SELLERS

Advertising Representative

JOHN C. BAKER

THE ATTENTION OF ARCHITECTS AND OF ALL OTHERS INTERESTED IN THIS CATALOGUE IS EARNESTLY DIRECTED TO THE ADVERTISING PAGES. THE ADVERTISE-MENTS HAVE ALL BEEN CAREFULLY SELECTED TO RELATE EXCLUSIVELY TO BUILDINGS AND THE BUILDING TRADES AND AS SUCH PRESENT AN UP-TO-DATE REFERENCE BOOK OF DISTINCT VALUE.

FOR FURTHER CONSIDERATION, WE PARTICULARLY RECOMMEND THE PERMANENT EXHIBITION OF
THE MASTER BUILDERS' EXCHANGE
18 SOUTH SEVENTH STREET

PHILADELPHIA

WHERE THE ARCHITECT AND CLIENT MAY SEE A MOST COMPLETE AND INSTRUCTIVE DISPLAY OF ALL BRANCHES OF THE BUILDING INDUSTRY.

CATALOGUES

COPIES OF THIS CATALOGUE MAY BE OBTAINED FOR TWO
DOLLARS EACH AND COPIES OF PREVIOUS YEARS FOR
ONE DOLLAR EACH BY ADDRESSING THE SECRETARY OF
THE T SQUARE CLUB.

THE T SQUARE CLUB

1204 Chancellor Street, Philadelphia

Organized 1883

Incorporated 1897

OFFICERS, 1909-1910

President

MILTON B. MEDARY, JR. 1414 South Penn Square Philadelphia, Pa.

Secretary

CHARLES A. ZIEGLER 1218 Chestnut Street Philadelphia, Pa.

Vice-President

C. L. BORIE, JR., 139 South 15th Street Philadelphia, Pa.

Treasurer

John Molitor 1309 Walnut Street Philadelphia, Pa.

Executive Committee

CHARLES L. BORIE, JR.
LAWRENCE VISSCHER BOYD
MILTON B. MEDARY, JR.

JOHN MOLITOR

JOHN STRUBING SCHWACKE

J. F. STREET

THE T SQUARE CLUB

MEMBERSHIP

HONORARY

Baugh, Daniel, Esq., Ely, Theodore N., Esq., Coates, Edward Horner, Esq., Harrison, Charles Custis, Esq., Miller, Leslie W., Esq.,

LIFE

1884 DULL, JOHN J., 1883 Moses, Arnold H., 1883 Kennedy, R. G., 1883 Smedley, Walter, 1883 Truscott, Arthur,

ACTIVE

1898	ABELE, JULIAN, F.	1906	Bogia, Clarence M.,
1904	Adams, Alexander, M.	1908	BOLTON, CHARLES H.,
1908	Albright, F. P., Jr.,	1905	Borie, Charles L., Jr.,
1909	Anderson, Helge,	1891	BOYD, DAVID KNICKERBACKER,
, ,		1891	BOYD, LAWRENCE VISSCHER,
1886	BAILY, WILLIAM L.,	1894	
1909	BAKER, HOWARD, E.,	1909	Brugger, John T.,
1909	BASTOW, ABRAM,	1893	La las
1892			
1904	BAUER, CHARLES H.,	1889	CALDWELL, FRANCIS G.,
1905	BEHR, ARTHUR	190Š	CATHARINE, IRVIN I.,
1909	BECK, HENRY,	1900	CHURCHMAN, C. WHARTON,
1906	BENCKER, RALPH B.	1905	CLARK, LAWRENCE,
1909	Bencker, George B.,	1908	CLEVENGER, ELLSWORTH H.,
1908	BICKLEY, G HOWARD,	1894	CLOUD, S. ALBERT,
1898	BISHOP, ARTHUR C.,	1906	Colesberry, J. Bennett
1893	BISHOP, THOS.,	1895	Cook, J. Horace,
1889	Bissegger, John J.,	1909	COPE, J. WALTER,
1893	BISSELL, E. PEROT,	1904	and the second s
1903	BISWANGER, C. THEODORE,		COPE, JOHN S.,
1898	BLITHE, WESLEY LESHER,	1904	- T. A
1090	Builde, Wester Lesien,	1304	

1903	CRET, PAUL P.,	1891	Kelsey, Albert,
		1894	KENNEDY, JAMES N.
1904	Dales, E. Lewis,	1896	KETTERER, GUSTAV,
1896	D'ASCENZO, NICOLA,	1886	King, Guy,
1900	DAWSON, GEORGE W.,	1909	KIRKPATRICK, DONALD M.,
1886	DAY, FRANK MILES,	1891	KLAUDER, CHAS. Z.,
1897	DAY, H. KENT.	-	
1908	DICKHUT, ROGER MILTON,	1905	KLEINFELDER, HERMAN E.,
-		1908	KLINGES, J. PETER, JR.,
1907	DINARDO, ANTONIO,	1908	Koyl, George S.,
1906	DORSEY, LEWIS M., JR.,		
1893	Duhring, Herman L., Jr.,	1888	Lacey, Adin B.,
1902	DUNLAP, M. EDMUNDS,	1891	Laird, Warren P.,
1908	Durang, F. Ferdinand,		
		1908	MAC INTIRE, ANDREW E.,
1901	EDMUNDS, FRANKLIN D.,	1909	McGrail, Alfred H.,
1908	Ellington, Douglas D.,	1906	McMurtrie, Harry G.
1908	EVANS, EDMUND C	1899	MAGAZINER, LOUIS,
1891	EVANS, G. GERALD,	1906	MARTIN, FRANK E.,
1883	EYRE, WILSON,	1891	MEDARY, MILTON BENNETT, JR.,
1003	171111, 1711,001,	1906	MEIGS, ARTHUR INGERSOLL,
	Г	1908	MELLOR, WALTER,
1900	FARRADY, THOMAS P.,	1908	MONOIT. ACHILLE E.,
1909	FLAVEY, WALTER L.,	-	_
1909	Folsom, Donald,	1908	Mowere, John H.
1897	Frank, J. Horace,	1893	Molitor, John,
		1909	Morgan, Fred D.,
1904	GALLOWAY, WALTER B.,	1908	Monaghan. Paul,
1901	GARDNER, CLARENCE,	1890	Morris, George Spencer,
-	GILROY, EDWARD E.,		
1904	GROBEN, WILLIAM EDWARD,	1894	Nolan, Thomas,
1906	GUNDLACH, BERNARD E.	1909	NORTH, CHARLES H.,
1900	Genzinen, minning 4.		
1909	HARBESON, J. F.,	1895	OELSCHLAGER, CHAS. E.,
1896	HARRIS, JAMES R., JR.,	1090	
1900	HASTINGS, T. MITCHELL.		D 0
1908	HAUPTLE, Fred. W.,	1908	Page, Chas. C.,
_	HAYS, HENRY B.,	1891	Page, George Bispham,
1900		1906	Paist, Phineas E.,
1907	HENON, PAUL J. JR.,	1910	Palmer, Charles J.,
1908	HETTLE, JOSEPH N.,	1904	Parker, H. Hanley,
1909	HEWITT, WILLIAM D.,	1893	Parry, J. Charles,
1883	HICKMAN, LOUIS C.,	1906	Parry, Oliver Randolph,
1894	HINDERMEYER, GILBERT L.,	1906	Pearce, Hollingsworth,
1906	HOKANSON, OSCAR M.,	1900	Petry, Victor J.,
1905	Howard, A. C.,	1909	Phelan, Joseph V.,
		1908	Porreca, Nicola L.,
1904	IDELL, GEORGE S.,	1898	POTTER, WM. WOODBURN,
<i>y</i> 1		1883	PRICE, WM. L.,
1999	Jamieson, James P.,	1003	* 15.4 G. A. 11. 11. 11. 14. 1
1888			
1901	Johnson, Virgil L.,	1906	Rabenold, Chas. Folk,
		1896	Rankin, John Hall,
1904	KARCHER, WALTER T.,	1894	REHFUSS, GEORGE U.,
1908	KEAST, WM. RICHARD MORTON,	1865	REINHOLD, HENRY L., JR.,
1903	KEEN, CHAS. BARTON,	1909	RICH, HERBERT E.
1899	KEISKER, FRANK H.,	1909	RIEGER, HENRY E.,
1893	Kellogg, Thomas M.,	1908	RINEHART, T. WARDEN,
7.0		- ,	

1893	ROBERTS, SPENCER,	1956	STREET, J. F.,
1898	ROGERS, LAUSSAT RICHTER,	1900	TEMPLE, THOMAS B.,
1908	Rush, Louis H.,	1903	THOMAS, J. D.
1900	Robli, Mocis,	1899	THOMAS, WALTER H.,
	T	1908	TH.DEN. MARMADUKE, JR.,
1899	SAUER, ANDREW J.,	1894	TROUT, WETHERILL P.,
1905	SAVERY, ADDISON H.,	1903	TRUMBAUER, HORACE,
19 0 9	Scherr, Louis Valentine,	1903	, ,
1908	SCHAEF, CHARLES F.,	1897	WAGER-SMITH, E.,
1901	SCHENCK, ALBERT F.,	1908	WALDNER, FRANK,
1891	SCHERMERHORN, CLARENCE E.,	1906	WALTON, WM. MCKEE,
1894	SCHWACKE, JOHN STRUBING,	1903	WARD, ALFRED LEWIS,
1904	SCHWEBEL, EDWARD J.,	1901	WARD, HENRY B.,
1896	SEEBURGER, FRANK,	1900	WETHERILL, HERBERT J.,
1893	SEELER, EDGAR V.,	1906	WHITESIDE, G. MORRIS,
1906	SELLERS, HORACE WELLS,	1893	WIGHTMAN, EDGAR A.,
1904	SHARPLEY, WILLIAM W.,	1891	WINDRIM, JOHN T.,
1906	SIMON, GRANT M,	1896	WISE, HERBERT C.,
1898	SINKLER, JOHN P. B.,	1903	WOOD, HENRY D.,
1908	SMITH, LIVINGSTON,	-) - 0	,
1903	SPOERL, CHRISTIAN G.,	1904	YARDLEY, E. H.,
1908	STANTON, WILLIAM C.,		YOCOM, STANLEY
1896	STEWARDSON, EMLEN L.,	1904	10com, orman
1897	STUCKERT, F. RUSSELL,		7. WELLER CLAREST C
1910	SWEENEY, JAMES	1902	ZANTZINGER, CLARECE C., ZIEGLER, CHARLES A.,
1895	SWINDELLS, EDWARD JAMES,	1908	ZIEGLER, CHARLES A.,
	NON-RI	ESIDI	ENT
1899	Anderson, Walter B.,	1896	GEILS, AUGUST E.,
1888	Ash, Percy,	1904	GUIBERT, PAUL A.,
1000	11011		M
1897	BAUM, GEORGE CROLL,	1893	HAUER, HARVEY T.,
1898	Betelle, J. Oscar,	1896	HAWLEY, E. H.,
1898	BLAIR, WALTER D.,	1893	HAYS, WILLIAM CHARLES,
1895	BODINE, FRANK LEE,	1904	HEATON, ROSS B.,
1901	BRAZER, CLARENCE WILSON,	1904	HEATON, ROY K.,
1901		1908	HERMAN, THOS. B.,
1907	CUNNINGHAM, BERTRAM,	1907	HILL, HARRY A.,
1891	CALVERT, LOUIS LAY,	1901	HILL, MIDGLEY W.,
1991	CAMPBELL, J. SHIRAS,	1908	HOLMES, GERALD A.,
1905	CLEMENTS, S. O.,	1899	HOOVER, IRA W.,
, ,	CRESSON, WILLIAM PENN,	1904	HOWELL, CARL EUGENE,
1896	CANADOUT TEAMARANA A ARTOT	1001	JUDELL, WALTER W.,
	DE GARMO, WALTER C.,	1901	JUDELL, WALTER W.,
1900	DELK, EDWARD BURHLER,	.000	KENT, EDWARD C.,
1908	DELK, RUWARD BURHLER,	1889	KIRK, CHESTER H.,
	The same The same II are the	1902	KIRK, CHESTER II.,
1906	ELLETT, THOMAS HARLAN,		Leave Chaptre Howers
		1907	LLOVD, CHARLES HOWARD,
1903	FARLEY, FRANCIS S.,	1905	Long, Birch Burdette,
1900	FARNAM, DANIEL H.,		MARDED HADDAY
1904	FENHAGEN, GEORGE C.,	1904	Maurer, Harry, McGowan, John C.,
1901	FENTON, WARDEN B.,	1900	
1894	FEUSTMANN, MAURICE M.,	1908	McGrew, Carl A., Millard, Julian,
1897	FISHER, CLARENCE S.,	1891	ATTILIARD, JULIAN,

1905	Phillips, J. H.,	1905	SMITH, HARVEY NEWCOMB,
1905	PILCHER, LOUIS F.,		
1901	Poggi, Edmund H.,	1908	TAYLOR, J. HOWARD,
1001	RAIGUEL, WILLIAM O.,		THOMPSON, JOHN D., JR.,
1907	RATHMANN, WALTER LINCOLN	'too8	Urray C Emer
1905	RING, JONATHAN,	1900	Carrier, Cl. Administry
1901	Scheffer, Morris J.	1805	Watmough, Richard L.
1903	SCHUCHARDT, WM. H.,		WEAVER, RUDOLPH,
	SIEGEL, P. RAYMOND,	- 1	Wells, Prof. Newton A.,
			WILLAUER, ARTHUR E.,
1907	SMITH, PROF. FRANCIS PALMER,	1901	WILLING, JAMES EDGAR,

DECEASED MEMBERS

Amos J. Boyden Arthur Spayd Brooke WILLIAM F. MILLER ADOLF C. MUNOZ DAVID L. MCCLAY, ARTHUR COCHRAN C. O. Provost WALTER COPE JOHN C. SIMS ADRIAN SMITH SAMUEL R. DAVIS RICHARD LITTEL FIELD CLINTON GARDNER HARRIS HOWARD SPRUANCE JAMES B. KARCHER JOHN STEWARDSON WM. S. VAUX HARRISON G. KIMBALI. Westray Ladd T. RONEY WILLIAMSON HENRY GILLETTE WOODMAN IOHN Moss

THE T SQUARE CLUB ATELIER

ORGANIZED 1903

OFFICERS

Patron, Clarence Clark Zantzinger
Architecte diplomé par le Gouvernement Français.

Mussier, Joseph Hettel
Sous Massier, Frederick W. Hauptle
Bibliothécaire, Herbert E. Rich

MEMBERS

BAKER, HOWARD E. MEGRAIL, A. K. NORTH, CHAS. H. BENCKER, GEORGE COPE, WALTER PALMER, CHARLES J. DI NARDO, ANTONIO PHELFN, J. V. RIEGER, H. E. FALVEY, WALTER L. Rісн. Н. Е. HETTEL, JOSEPH HAUPTLE, FREDERIC W. SCHERR, L. V. Morgan, F. D. SWEENEY, J.

SCHAEF, C. F.

For further information address
Walter Thompson Kartcher
1408 Land Title Building, Philadelphia

PHILADELPHIA CHAPTER

OF THE

AMERICAN INSTITUTE OF ARCHITECTS

President, WILLIAM D. HEWITT

1st Vice-President, John Hall Rankin

2nd Vice-President, M. B. Medary, Jr.

Recording Secretary, J. P. B. Sinkler

Secretary, ARNOLD H. Moses

Treasurer, C. L. BORIE, JR.

INSTITUTE MEMBERS

 $\ominus F$

PHILADELPHIA CHAPTER

BAILEY, WM. L.,	Associate	Hastings, T. M.,	Associate
BALDERSON, CHARLES,	4.4	HEWITT, W. D.,	Fellow
Bassett, George G.,	4.4	HILLMAN, C. L.,	Associate
BISSELL, E. P.,		HENDRICKSON, E. E.,	+ +
Boggs, E. T.,	4.4	HARRIS, J. McA.,	4.6
BOYD, D. K.,	Fellow	Jamieson, J. P.,	Fellow
BOYD, L. V.,	Associate	JOHNSON, LINDLEY,	Associate
Вкоскіє, А. Н.,		KELLOGG, T. M.	4.6
BORIE, C. L., JR.,	4.4	Kelsey, Albert,	Fellow
BUNTING, MORGAN,	4 4	Klauder, C. Z.,	Associate
CASTOR, H W.,	4.4	LACEY, ADIN B.,	
CHANDLER, T. P.,	Fellow	LAIRD, W. P.,	Hon. Member
CHURCHMAN, C. W.,	Associate	LOVATT, G. I.,	Associate
CRANE, E. A.,	6 4	Mason, Geo. C.,	Fellow
CRET, P. P.,	4.4	Moses, Arnold H.,	Associate
DAY, F. M.,	Fellow	Medary, M. B., Jr.	4.1
DAY, H. K.,	Associate	MOLITOR, JOHN,	* *
EYRE, WILSON,	Fellow.	NOLAN, THOMAS,	Fellow
GARDNER, CLARENCE,	Associate	PAGE, G. B.,	Associate

Paist, P. E.,	Associate	SELLERS, H. W.,	Associate
Pearson, G. T.,		SHIRK, J. C. M.,	
PEROT, R. L.,	4.4	SINKLER, J. P. B.,	4 €
PERROT, EMILE G.,	4.6	SMEDLEY, WALTER,	
POTTER, WILLIAM W.,		STEARNS, GEO. R.,	4.6
PRICHETT, WILLIAM C.,	Fellow	STEWARDSON, EMLEN,	4.4
Pursell, Isaac,	Associate	THOMAS, JOHN D.,	6.4
POWELL, W. BLEDDYN,	Fellow	Thomas, W. H.,	
PLACK, WILLIAM L.,	4 6	WATSON, FRANK R.,	- 6
RANKIN, J. H.,	Associate	WINDRIM, JAMES H.,	Fellow
REINHOLD, HARRY L.,		WINDRIM, JOHN T.,	Associate
SCHERMERHORN, C. E.,	4.4	Wolf, Otto C.,	+ 4
SEELER, E. V.,	Fellow	ZANTZINGER, CLARENCE	C., ''

CHAPTER MEMBERS

NOT MEMBERS OF THE INSTITUTE

Adams, Alex. M.,	MELLOR, WALTER,
BAKER, L. C. JR.,	Morris, George S.,
BETTS, MORRIS,	OELSCHLAGER, CHARLES A.
BLITHE, WESLEY L.,	PRICE, WALTER,
CONEYS, JOHN L.,	PRICE. WILLIAM L.,
CAVIN, WILLIAM B.,	REMINGTON, CLEMENT,
DUHRING, HERMAN L.,	SAVERY, ALBERT H.,
Dull, John J.	SAVERY, ADDISON H.,
Erskine, Richard.	SCHEETZ, WILLIAM C.,
EVANS, E. C.,	SHARPLEY, W. W.,
FETTEROLF, E. H.	SHRIGLEY, ARTHUR,
FISHER, C. S.,	STEVENS, B. R.,
GROBEN, WILLIAM E,	TRUMBOWER, WERNER,
HARRIS, J. RUSSELL,	TRUSCOTT, ARTHUR,
Heacock, Joseph L.,	Wise, Herbert C.,
Hokanson, O. M.,	Wood, Wm. Albert,
Horangon, O. M.,	ZIEGLER, C. A.

MANAGEMENT OF THE PENNSYLVANIA ACADEMY OF THE FINE ARTS

President

John Frederick Lewis

Honorary Vice-Presidents

JOHN H. CONVERSE

E. Burgess Warren

Vice-President

CLEMENT B. NEWBOLD

Directors

THEOPHILUS P. CHANDLER HERBERT M. HOWE, M.D. GEORGE H. McFadden CLEMENT B. NEWBOLD EDWARD T. STOTESBURY THEODORE N. ELY ALFRED C. HARRISON CLARENCE C. ZANTZINGER GEORGE D. WIDENER T. DEWITT CUYLER ARTHUR H. LEA CHARLEMAGNE TOWER

FRANK H. CAVEN

Treasurer

GEORGE H. McFADDEN

Secretary and Manager

John E. D. Trask

Assistant to Secretary and Treasurer

HARRY P. RHOADS

Curator of Schools

CHARLES F. RAMSEY

Solicitor

John G. Johnson

Committee on Exhibitions

CLEMENT B. NEWBOLD, Chairman

CHARLEMAGNE TOWER GEORGE H. McFadden EDWARD T. STOTESBURY THEODORE N. ELY

ALFRED C. HARRISON

THE WALTER COPE MEMORIAL PRIZE

Endowed in the memory of the late Walter Cope, and awarded annually by the T Square Club to the winner of a competition in Municipal Improvement or Landscape Architecture. It is of a value of about seventy-five dollars, the sum being expended in Architectural books chosen in consultation with the Executive Committee of the T Square Club.

SUBJECT OF THE SEVENTH COMPETITION

TREATMENT OF A PUBLIC SQUARE ON THE PARKWAY, PHILADELPHIA THIS PRIZE HAS BEEN WON BY:

1904	WARD, HENRY B.	1907 Smith, Francis Palmer
1905	Sauer, Andrew J.	1908 Simon, Grant M.
1906	COPE, C. EDGAR	1909 RIEGER, HENRY EDWIN

THE JOHN STEWARDSON MEMORIAL SCHOLARSHIP IN ARCHITECTURE

FOUNDED 1897

(PRIOR to 1897 THE TRAVELLING SCHOLARSHIP OF THE UNIVERSITY OF PENNA.)

Endowed in the memory of the late John Stewardson and awarded every year or alternate year by a Managing Committe, consisting of one member of the Board of Trustees of the University of Pennsylvania, one member of the Corps of Instruction of the School of Architecture of the said University, and three practicing Architects of the City of Philadelphia, two representing respectively the Philadelphia Chapter of the American Institute of Architects and the T Square Club of Philadelphia, and the third being elected by the four other Members of the Managing Committee. It is of a value of one thousand dollars, the sum being expended in pursuing Architectural study either in the United States or in other countries. Preliminary examinations are required except for graduates of any recognized School of Architecture. Open to any person or persons under 30 years of age, who shall have studied or practiced Architecture in the State of Pennsylvania for the period of at least one year immediately preceding.

Subject of the Thirteenth Competition The Casino of a Country Club This Prize has been won by:

1803	JAMILSON, JAMES P.	1901 Hoover, Ika Wiison	
1894	Page, George Bistham	1902 Molitor, John	
1895	Ash, Percy	1903 JUDELL, WALTER W.	
1896	KEISFY, ALBERT	1904 SPOERL, CHRISTIAN GEO	E⊖RG}
1807	Duhring, Herman Louis	1905 HOWELL, CARL EUGENE	
1898	HAYES, WILLIAM CHARLES	1906 SHARPLEY, WILLIAM W.	
1800	BROCKIL, ARTHUR HOWELL	1007 NO AWARD	
1900	GITHENS, ALFRED MORTON	1908 SCHWAR, HARVEY ARTHU	UK

1909 SIMON, GRANT M.

INDEX OF EXHIBITS SIXTEENTH ANNUAL EXHIBITION

ATTERBURY, GROSVENOR, F.A.I.A., Architect,

20 W. 43rd Street, New York City.

- 1 Details of Governor's Suite, City Hall, New York City.
- 2 Main Room, Governor's Suite, City Hall, New York City.

BACON, FRANCIS,

3 Furniture Sketches.

BAKER & DALLETT, Architects,

1629 Chestnut Street, Philadelphia, Pa.

- 4 Alterations to an Old Country House on the Eastern Shore, St. Michaels, Md.
- 5 A Country House at Bala, Pa.
- 6 Water Tower, Wilmington, Del.

BEHR & WINTER,

418 Walnut Street, Philadelphia, Pa

- 7 Competitive Design for a Fireproof Dwelling—Details.
- 8 Competitive Design for a Fireproof Dwelling—Plans and Elevations.

BISSELL & SINKLER,

805 Bailey Building.

- 9 House for John P. Brock, Esq., Lebanon, Pa.
- 10 House on Wyncote Road, Jenkintown, Pa.
- II Manager's House for the Pennsylvania Steel Co. at Lebanon, Pa.
- 12 Model of House for J. P. Brock, Esq., Lebanon, Pa.
- 13 House on Summit Avenue, Jenkintown, Pa.
- 1.4 Stable for H. B. Coxe, Esq., at Penllyn, Pa.

BRAGDON, CLAUDE,

104 Cutler Building, Rochester, N. Y.

Two Photographs. House of Mr. E. G. Miner, Argyle Street. Rochester, N. Y.

- 16 Water Color. Room in House of Mr. Joseph W. Taylor, Rochester, N. Y.
- 17 Pen and Ink Perspective. House of Charles R. Witherspoon, Rochester, N. Y.
- 18 Water Color. House of Mr. J. F. Kellogg, Avon. N. Y.
- 19 Water Color. House of Mr. C. Walter Smith, Culver Road, Rochester, N. Y.
- 20 Two Photographs. House of Mr. F. C. Goodwin, Sibley Place, Rochester, N. Y.

BLAIR, WALTER D.,

281 Fifth Avenue, New York City.

- 21 A Stable for Mr. C. C. Dula, Greystone, N. V.
- 22 Alteration, Residence of Mr. C. C. Dula, Greystone, N. Y.

BRAZER, CLARENCE W.,

1133 Broadway, New York City.

23 A Villa by the Sea.

BLITHE, WESLEY LESHER,

668 Chestnut Street, Philadelphia, Pa.

- 24 House for Mr. W. T. Abell, Ardmore, Pa.
- 25 Cottage for Mr. D. E. Woolley, Pleasant Beach, Maine.
- 26 House for Mr. Ausel D. Jones, Wynnewood Avenue, Wynnewood. Pa.

BRINLEY & HOLBROOK,

156 Fifth Avenue, New York City.

27 Rye Park, Town of Rye, N. Y.

BROCKIE & HASTINGS,

328 Chestnut Street, Philadelphia, Pa.

- 28 Photographs of Country House of Mr. B. F. Pepper.
- 20 Perspective View of House at Chestnut Hill, Pa.

BROWN, FRANK CHOTEAU

30 Garden Front, House for Mr. Butler.

- 31 Garden Gateway. House at Dedham.
- 32 General View. House at Dedham.
- 33 Details of Portico. House at Dedham.
- 34 Front and Studio End. House at Framingham.
- 35 Details of Terrace. House at Framingham.

BOGGS, EDW, T.,

136 S. Fourth Street, Philadelphia, Pa.

- 36 House of J. S. Kellar, Esq.
- 37 House of F. B. Wonsetler, Esq.

BOYD, LAWRENCE VISSCHER,

Harrison Building, 15th and Market Sts., Philadelphia.

- 38 Model of a House for Wilson McCandless, Esq., Wynnewood, Pa.
- 39 A House at Merion, Pa.
- 40 A House at Wynnewood, Pa.
- 41 A Stable at Elkins Park, Pa.
- 42 A Private Swimming Pool at Ashbourne, Pa.

BOYD, D. KNICKERBACKER, F.A.I.A.,

N. E. cor. 15th and Walnut Streets, Philadelphia, Pa.

- 43 Plans and Photographs. Residence at Merion, Pa.
- 44 Plans and Photographs. Residence at Wynnewood, Pa.
- 45 Plans and Photographs. Residence for I. Walter Conner, Esq., at Wayne, Pa.
- 46 Plans and Photographs. Residence for W. W. Hearne, Esq., at Wayne, Pa.
- 47 Plans and Photographs. Residence for R. S. Macnamee, Esq., at Berwyn, Pa.
- 48 Plan. Sketches of Country Place for Granville II. LeMaistre, Esq., at Merion, Pa.
- 49 Plans and Photographs. Double House at Overbrook, Phila., Pa.
- 50 Plans and Perspective Sketch. Sketches of Country Place for Granville H. LeMaistre, Esq., at Merion, Pa.

BUNTING & SHRIGLEY, Architects,

603 Chestnut Street, Philadelphia.

- 51 Residence at Lansdowne, Pa.
- 52 Model of Cottage at Buck Hill Falls, Pa.

BUSSELLE, ALFRED,

1133 Broadway, New York City.

53 A Remodeled Farm House, Chappaqua, N. Y.

BOYNTON, LOUIS,

27 West 32nd Street, New York.

- 54 A House at Lawrence, L. I.
- 55 House at Cedarhurst, L. I.
- 56 A Country House.

CAPARN, H. A.,

150 5th Avenue, Neew York.

57 Terraces for the Tower Place at Tuxedo Park, N. Y.

CHAPMAN DECORATIVE COMPANY,

1502 Walnut Street.

- 58 Den, House of H. B. Keiper, Esq., Lancaster, Pa.
- 59 Billiard Room, House of Mr. Alfred E. Burke, Philadelphia.
- 60 "The Oaks."
- 61 "An Italian Hall,"
- 62 Lounging Room in Road House.
- 63 Living Room for Mahlon W. Newton, Esq., Atlantic City, N. J.
- 64 Breakfast Room for Sedgwick Kistler, Esq., Lock Haven, Pa.
- 65 Billiard Room for M. S. Hershey, Esq., Hershey, Pa.
- 66 Inglenook for William Marrie, Esq., Hershey, Pa.
- 67 Library for James L. Brown, Esq., Lancaster, Pa.
- 68 Billiard Room and Annex for James L. Brown, Esq., Lancaster, Pa
- 60 Billiard Room for William Disston, Esq., Chestnut Hill, Pa.
- 70 Reception Room for John D. McIlhenny, Esq., Germantown, Philadelphia,
- 71 Hall for James L. Brown, Esq., Lancaster, Pa.
- 72 "Cottages."

CIMIOTTI, JR., G.,

73 Decorative Panel. Landscape.

CRISP, ARTHUR,

- 74 Sketch of Mural Decoration.
- 75 Photograph of Mural Decoration. $\stackrel{<}{\sim}$

CLARK, ELIOT C.,

930 Eighth Avenue, New York City

76 Decorative Landscape.

77 "Evening."

COFFIN, MARIAN C.,

110 East 10th Street, New York City

78 Small Informal Garden for Mrs. William Gilman Thompson, Stockbridge, Mass.

D'ASCENZO, NICOLO,

- 79 Sketch for Library Window.
- 80 Sketch for Library Window.
- 81 Sketch for Library Window.
- 82 Stained Glass Window. The Alhambra.
- 83 Hall Window.

D'ASCENZO STUDIO.

- 84 Sketch of Leaded Glass Panel.
- 85 Design for Carved Panel.
- 86 Sketch for Windows. Bureau of American Republics.
- 87 Sketch for Windows. Bureau of American Republics.
- 88 Sketch for Windows, Bureau of American Republics.
- 89 Sketch for Leaded Glass Windows.
- 90 Sketch for Leaded Glass Windows.
- 91 Sketch for Library Frieze.

DAVENPORT, A. H.,

92 Dining Room in House at Oceanic, N. Y.

DOW, JOY WHEELER,

Millburn, N. J.

- 03 "Eastover," Wyoming, N. J.
- 94 "Silvergate," Summit, N. J.
- 95 Rabbit House, Wyoming, N. J.

DUHRING, HERMAN L., JR.,

00 A Hillside Fountain.

DUTRING, OKIE & ZIEGLER,

- 97 Plans. House of W. B. Hart.
- 08 House of W. B. Hart, Radnor, Pa.
- ou House and Stable for J. D. McIlhenny.

DICKHUT, ROGER MILTON

1344 Pine Street, Philadelphia.

100 A Block of City Duplex Houses.

EMBURY, AYMAR, II.

1133 Broadway, New York City

- 101 Cottage for the Architect, Englewood, N. J.
- 102 Cettage at Garden City, L. I.
- 103 Rushton Peabody House, Englewood, N. J.
- 104 Cottage at Belle Terre, L. I.
- 105 Cottage at Belle Terre, L. I.
- 100 Photographs. Country Houses.
- 107 Residence of Mr. H. S. Orr, Garden City, L. I

ENFIELD POTTERY AND THE WORKS.

Entield, Pa

- 108 Shingle Tile.
- 100 Tile Panel. Connecticut State Library, etc.
- 110 Tile Panel. Connecticut State Library, etc.
- 111 Tile Panel. Connecticut State Library, etc.
- 112 Tile Panel. Connecticut State Library, etc.
- H3 Tiled Alcove in Residence of Mr. E. W. Clark. George T. Pearson, Architect.
- 114 Tiled Walk by a Stream.
- Tile Mosaic Panels in Floor, Connecticut State Court House. Donn Barber, Architect.
- 116 Tile Work.

EWING AND CHAPPELL.

501 Fifth Avenue, New York.

117 Residence for Richard E. Forest, Esq., Cedarhurst, L. I.

ANDEN OF EXHIBITS

EYRE, WILSON,

1003 Spruce Street, Philadelphia; 41 E. 30th Street, New York City.

- 118 Bird's-eye of Proposed House and Farm Buildings at Ridgefield, Conn.
- 110 House at Chestnut Hill, Pa.
- 120 House at Chestnut Hill, Pa.
- 121 Interior Sketches.

FERNEKES & CRAMER.

Pabst Building, Milwaukee.

- 123 Four Views of Residence of Mr. William C. White, Milwaukee, Wis.
- 124 Four Interior Views of Residence for Mr. John H. Frank, Milwaukee, Wis.

FIELDING, MANTLE,

518 Walnut Street, Philadelphia.

- Entrance to Residence of Mrs. G. B. Harrah, Corner Sixty-fourth Street and Madison Avenue, New York City.
- 126 House for Mrs. Davis, Old York Road, Philadelphia.
- 127 Residence of Frederick W. Taylor, Chestnut Hill, Pa.
- 128 Residence for Robert S. Newhall, Esq., Germantown, Pa.

FLAGG, ERNEST,

35 Wall Street, New York.

- 120 Palace for Count Lazlo Széchényi, Budapest, Hungary.
- 130 Residence for Charles Scribner, Esq., No. o East Sixty-sixth Street, New York City.

FURBER, WILLIAM COPELAND,

- 131 Proposed House for Mr. Burke-Garden and East Elevation.
- 132 Proposed House for Mr. Burke—South Front.
- 133 Proposed House for Mr. Burke—Basement, Second and Third Floor Plan.
- 134 Proposed House for Mr. Burke-First Floor and Garden Plan.
- 135 Six Photographs.

GREEN, JAMES C.,

103 Park Avenue, New York.

- 136 House of H. C. Nichols, Esq., Greenwich, Conn.
- 137 House of J. C. Green, Greenwich, Conn.

GRIBBEN, J. UPTON,

Columbus, Ohio.

138 Residence of Professor H. C. Price, Columbus, Ohio—Group of Six Photographs in One Frame.

HOWE, SAMUEL,

- 139 Cover Design for "Vogue."
- 140 Cover Design for "House and Garden."
- 141 Cover Design for "House and Garden."

HEACOCK & HOKANSON,

1218 Chestnut Street, Philadelphia.

- 142 Residence of J. D. McMullin, Esq., Moorestown, N. J.
- 143 Residence at Lansdowne, Pa.
- 144 Residence at Lansdowne, Pa.
- 145 Residence of Mr. Thomas H. MacDonald, Oak Lane, Pa.

HOPKINSON-EVANS, F.,

135 Walnut Street, Philadelphia.

- 146 Oak Dining Room for a Country House.
- 147 Georgian Room with Gibbons Carving.

HOWELL & THOMAS,

Columbus, Ohio.

- 148 Four Photographs. Residence of E. T. McCune, Columbus, Ohio,
- 149 Entrance to Residence of Harvey Jones.
- 150 Two Photographs. Residence of Clara M. Ogden.
- 151 Two Photographs. Residence of Mrs. H.

IDELL, GEORGE S.,

1117 Harrison Building, Philadelphia.

- 152 Small Cottages for Wage Earners, Rochester, N. Y.
- 153 Small Cottages for Wage Earners, Rochester, N. Y.
- 154 Study for Two-Family House.
- 155 Study for Cottage.

INDUSTRIAL ORNAMENTAL IRON COMPANY,

445-47 N. 5th Street, Philadelphia

- 156 Special Hardware.
- 157 Wrought Scroll Rolled Edgeways.
- 158 Suggestion for Flat Scroll.
- 150 Split Scroll.
- 160 Hand Forged Angle from Scroll.
- 161 Hand Forged Angle Iron Scroll.
- 162 Special Hardware.
- 163 Forged Light Double Scroll.
- 164 Hand Forged Scrolls in Return Form.
- 165 Hand Forged Scroll with Rosettes in One Piece.
- 166 Photograph. Hand Forged Andirons and Fire Set.
- 167 Photograph. Wrought Iron Gate with Archway and Lantern.
- 168 Photograph. Hand Forged Door Grille.
- 160 Photograph, Wrought Iron Work.
- 170 Photograph. Heavy Hand Forged Brackets.

JACKSON, ALLEN W.,

6 Hancock Avenue, Boston.

171 House and Grounds for Mrs. Juliana A. Ferguson, Huntington, L. I.

JOHNSON, VIRGIN L..

142 West Mt Pleasant Avenue, Mt Airy, Philadelphia.

172 A Cottage at Ventnor, N. J.

JONES, HARRY W.,

923 Lumber Ex., Minneapolis, Minn

173 Residence in Minneapoli - Garden Front, Terrace, Street Front.

JANSSEN & ABBOTT.

Renshaw Building, Pittsburgh, Pa

- 174 Residence for Mr. J. Walton Cook, Pittsburgh, Pa.
- 175 Residence for Mr. John Kane, Esq., Pittsburgh, Pa.

KEEN, CHAS, BARTON,

176 Residence for C. H. Geist at Overbrook, Pa.

KEISKER, FRANK H.,

Perry Building, Philadelphia, Pa.

- 177 Plans and Photographs of Residence of Mrs. G. P. Sargent, Bryn Mawr, Pa.
- 178 Plans and Photographs of Residence of Mr. Hugh Doyle, Highland Park, Pa.

KILIIAM & HOPKINS,

9 Park Street, Boston.

- 179 "Blithewold," for William L. McKee, Esq., Bristol, L. I.
- 180 House for B. Jenney, Esq., Brookline, Mass.

KING, GUY,

- 181 Perspective Study of House for E. P. Baugh, Esq., Revell, Md.
- 182 House for Mrs. James Carstairs, Chelsea, N. J.
- 183 Proposed House for Mr. W. A. Lathrop, Montrose, Pa.
- 184 House Built at Palisade, N. Y.
- 185 Hunckers Quest, Brown's Mills, X. J.
- 186 Sketches in House of E. P. Baugh, Esq., Revell, Md.

LEAVITT, JR., CHARLES W.,

220 Broadway, New York City.

187 Rumson Country Club and Rumson Park.

HERMAN A. LEWIS AND R. L. PEROT, Associate Architects.

188 A Bungalow at Hseboro, Maine.

MATHEWS, EDGAR A.,

044 Phelan Building, San Francisco, Cal.

- 189 Residence for Mr. Clinton L. Walker, Oakland, Cal.
- 190 Residence for Mr. Robert M. Fitzgerald, Oakland, Cal.

MELLOR & MEIGS,

Lafayette Building, Philadelphia.

- 191 House for Edward F. Beale, Esq., at Strafford, Pa.
- 102 Interiors. Alteration at Chestnut Hill for John H. Packard, III., Esq.
- 193 Plans, Alteration at Chestnut Hill for John II, Packard, III, Esq.

- 194 House for Herman Wendell, Esq., at St. Davids, Pa.
- 195 Four Views. Alteration of a Stable to a Residence for Alfred Mellor, Esq., Germantown.
- 196 Plans. Alteration of a Stable to a Residence for Alfred Mellor, Esq., Germantown.
- 197 Plans. House for E. D. Toland, Esq., at Wynnewood, Pa.
- 198 House for E. D. Toland, Esq., at Wynnewood, Pa.
- 199 Alteration of a Stable to a Residence for Alfred Mellor, Esq., Germantown
- 200 Alteration at Chestnut Hill for John H. Packard, HI, Esq.

MORRIS & ERSKINE.

1004 Crozer Building, Philadelphia.

- 201 Sketch for House at Cedarcroft, Md.
- 202 Sketch for Artist's Bungalow, Eaglesmere, Pa.
- 203 Sketch for House at Cedarcroft, Md.

MOSES, ARNOLD H.,

136 S. Fourth Street, Philadelphia.

- 204 House at Merchantville, N. J., for Mrs. Miranda C. Bottomley.
- 205 House at St. Martins, Philadelphia.

MURPHY, H. K.,

206 Residence of W. L. Phelps.

PAGE, GEORGE BISPILAM,

1117 Harrison Building, Philadelphia.

- 207 Three Views of a House at Haverford, Pa.
- 208 Detail, House at Haverford, Pa.
- 200 Gateway and Lodge at Malvern, Pa.

PARKER, H. HANLEY,

1710 Chestnut Street, Philadelphia, Pa.

- 210 Decorative Panel. "The Dream Lady."
- 211 Hallway in City Residence.
- 212 Mural Decoration, "Spring,"
- 213 Working Detail. Section of Library Ceiling, Sharples Residence West Chester, Pa.
- 214 A Bungalow. Exterior and Interior.

PEROT, ROBESON LEA,

- 215 A Country Residence.
- 216 Residence for J. 11. Morice, Esq., Jr., Haverford, Pa.
- 217 Residence of Miss E. Du Pont, Greenville, Del.
- 218 A Germantown Garden.
- 219 A Country Residence.
- 220 Residence in Germantown.
- 221 Some Details of Terra Cotta.
- 222 A Garden in Germantown.
- 223 Residence of Ferree Brinton, Esq., St. David's, Pa.
- 224 Residence of Carroll Hodge, Esq., Ithan, Pa.

PRICE, WALTER T.,

- 225 Detail of Pergola. House at Rose Valley.
- 226 Plans. Sketch for House for Mr. Samuel Croft.
- 227 Elevations. Sketch for House for Mr. Samuel Croft, Chelsea, N. J.
- 228 House for Mrs. Helen W. Elliott, Bryn Mawr.

PITKIN & WEINRICHTER,

Cutler Building, Rochester, N. Y.

- 220 A House and Garden for E. E. Boynton, Esq., Rochester, N. Y.
- 230 A House and Garden for Mr. Clement Studebaker, Jr., South Bend, Ind.

PLATT, CHARLES A.,

- 231 House on Lake Michigan.
- 232 House on Lake Erie.
- 233 House on Lake Michigan.
- 234 House on Lake Erie.
- 235 House on Lake Eric.

PRICE & McLANAHAN,

1624 Walnut Street, Philadelphia.

- 236 House of Mrs. Alice Barber Stephens, Rose Valley, Pa.
- 237 Proposed House at Rose Valley, Pa.
- 238 House of Mrs. Alice Barber Stephens, Rose Valley, Pa.
- 239 Proposed House Near Wallingford, Pa.

PLYMPTON, LUCIAN F.,

602 Washington Bank Building.

240 Old House, Library, Pa.

REINHOLD, JR., HENRY L.,

McCaul Building, Philadelphia

- 241 Photograph. Pergola for J. S. Clark, Bryn Mawr, Pa.
- 242 Photograph. Pergola and Pool for J. S. Clark, Bryn Mawr, Pa.

RING, JONATHAN,

38 West 61st Street, New York.

- 243 Old House, Philadelphia, Pa.
- 244 Old Dutch Homestead Near Hackensack, N. J.
- 245 Farmhouse (Washington's Headquarters), Newburgh-on-the-Hudson, N. Y.
- 246 Old Dutch Homestead on Long Island, N. Y.

ROBERTS, SPENCER,

247 Eighteen Photographs.

SCOPES & FEUSTMANN,

Saranac Lake, N. Y.

248 Camp of Charles J. Swain, Esq., Lower Saranac Lake, N. Y.

SCHOOL OF ARCHITECTURE,

University of Pennsylvania, Philadelphia, Pa.

- 249 Elevation. A Naval Pantheon.
- 250 Plan, A Naval Pantheon.

SOULE. WINSOR.

1651 Beacon Street, Brookline, Mass.

- 251 Plans. Cottage at Bryn Mawr. Pa.
- 252 Photograph. Cottage at Bryn Mawr. Pa.

SMITH, H. K.,

253 Detail. Painted Glass, Erdman Residence.

STEPHENSON & WHEELER.

18 West 27th Street, New York City

254 Northeast Perspective of House at Edgarton, New Haven, Conn., for F. F. Brewster, Esq.

JOHN CALVIN STEVENS AND JOHN HOWARD STEVENS,

Associate Architects,

187 Middle Street, Portland, Me.

- 255 Residence of Mr. Neal W. Allen, Portland, Maine.
- 256 Residence of Richard Webb, Esq., Portland, Maine.

STREET, J. FLETCHER.

- 257 Residence at Edgewater Park, N. J.
- 258 Nine Photographs of Landscape Treatments.
- 250 Bungalow at Beverly, N. J.

STURGIS, R. CLIPSTON,

120 Boylston Street, Boston.

- 260 Photographs. Interior of House in Chicago.
- 261 Photographs. Exterior of House at Noroton, Conn.

SOURES & WYXKOOP,

- 262 Phi Delta Theta House, Nashville, Tenn.
- 203 Leta Psi Chapter House, Bronx, N. Y.
- 264 Phi Delta Theta House, Schenectady, N. Y.
- 265 House for Mr. A. B. Steen, Oil City, Pa.
- 266 Boat House at Quaker Lake for Mrs. Boyle.

THOMAS, CHURCHMAN & MOLITOR,

1309 Walnut Street, Philadelphia.

- 267 Residence for William H. Wanamaker, Esq., Merion, Pa.
- 268 Country House for Gilpin H. Lovering, Esq., Noble, Pa.
- 260 Residence for W. C. Kent, Esq., Wyncote, Pa.
- 270 Rectory for All Hallows' Church, Wyncote, Pa.
- 271 Residence for Matthew Maury, Esq., Queen Lane, Pa.
- 272 Sketch and Plans. Remington House.
- 273 Sketch and Plans. Gilbert House.

INDEX OF EXHIBITS

TILDEN, GEO. I.,

294 Washington Street, Boston, Mass.

274 "Starboard" and "Port" Cottages.

TILTON, ED. L.,

275 Delaware State House Restoration and Addition.

TOWNSEND & FLEMING,

1326 Prudential Building, Buffalo, N. Y.

276 Fourteen Photographs of Landscape Work.

277 Plan for Arrangement. Town Property of Mr. Samuel Mather, Cleveland, Ohio.

278 Perspective Sketch. Garden of Mrs. Isaac Willets, Belmont, N. Y.

WAID & WILLAUER,

279 Residence of E. M. Holden,

280 Stable for J. W. Williams, Westchester.

WESTING, CHARLES,

1315 Walnut Street, Philadelphia

281 Specimen of Carving in the Style of Grinfing Gibbons, Period 1680-1720.

WILDER & WHITE,

156 Fifth Avenue, New York.

282 House for Mrs. Pressly E. Bisland, Bronxville, N. Y.

283 House for Mrs. A. E. Latimer, Bronxville, N. Y.

WILLAUER, A. E.,

284 Residence for A. E. Willauer,

INDEX OF EXHIBITS

WOLFE, HENRY LAWRENCE,

711 North 17th Street, Philadelphia.

285 Sketch for Decoration. "Rest After Toil."

GODWIN, ALFRED.

- 286 Design for Stained Glass.
- 287 Glass Mosaic.
- 288 Enameled Glass for Wall and Tile Decoration
- 289 Design for Window,
- 200 Design for Dining Room Window.
- 201 Design for Staircase Window.
- 202 Design for Billiard Room Window.
- 203 Design for Conservatory Window.



GARGOVILE ON A COUNTRY HOUSE NEAR PHILADELPHIA ROBESON I.EA PEROT. ARCHITECT. PHILADELPHIA

INDEX OF EXHIBITS

Addenda

DUHRING, OKIE AND ZIEGLER,

1218 Chestnut Street.

- 294 Stable for Henry Justice, Esq., Devon, Pa.
- 295 House for George R. Yarrow, Esq., Centerville, Pa.
- 296 House for David Bunting Sharp, Esq., Berwyn, Pa.
- 297 Photographs of Front Door and Garden for Mrs. Moncure Robinson, Paoli, Pa.
- 298 Photograph and Plans of House for Davenport Plumer, Esq., Germantown, Pa.
- 299 House for W. Marriott Canby, Esq., Germantown, Pa.
- 300 Sketch for Country House and Garden.
- 301 Stable for Walter D. Blabon, Esq., Bryn Mawr, Pa.
- 302 House for Walter D. Blabon, Esq., Bryn Mawr, Pa.
- 303 House for Miss Alice Patten, Rosemont, Pa.
- 304 House for Dr. H. K. Gaskill, Oak Lane, Pa.
- 305 Stable for George C. Blabon, Esq., Merion, Pa.
- 306 Design for a Country House.
- 307 House for the Hon, Philander C. Knox, Valley Forge, Pa.

OKIE, R. BROGNARD,

1218 Chestnut Street, Philadelphia

308 Garden Gate.

REHFUSS, GEORGE U.,

- 300 House for Dr. Joseph A. Cramp, Oak Lane, Pa.
- 310 Bungalow at St. David's, Pa.

COHEN, KATHERINE,

- 311 "Sheep at Pasture."
- 312 Plaster. "Music."

HOWELL, C. E.,

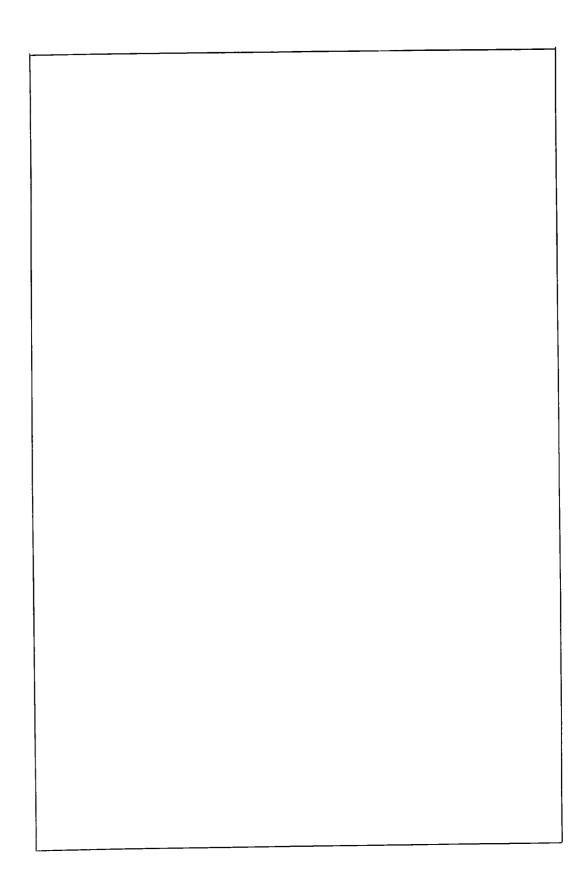
151 E. Broad Street, Columbus, O

313 Garden of George Ball, Newark, Ohio.

FERDINAND KELLER,

Philadelphia, Pa.

314 Italian Marble Garden Accessories



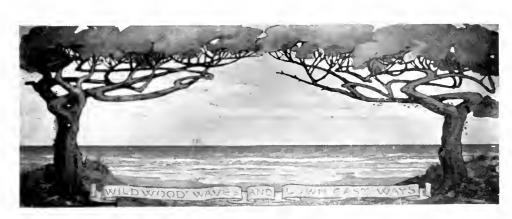
EXTERIORS AND PLANS

Hlustrating the work of

BISSELL & SINKLER WESLEY LESHER BLITTLE LAWRENCE VISSCHER BOYD D. KNICKERBACKER BOYD LOUIS BOYNTON CLAUDE BRAGDON CLARENCE W. BRAZER BROCKIE & HASTINGS FRANK CHOUTEAU BROWN BUNTING & SHRIGLEY ALFRED BUSSELLE COPE & STEWARDSON FRANK MILES DAY & BROTHER JOY WHEELER DOW DUHRING, OKIE & ZIEGLER AYMAR EMBURY, H EVANS & BRIGHT WILSON EVRE MANTLE FIELDING ERNEST FLAGG I. UPTON GRIBBEN

HEACOCK & HOKANSON GEORGE S. IDELL CHARLES BARTON KEEN FRANK II. KEISKER CHARLES Z. KLAUDER EDGAR A. MATTHEWS MELLOR & MEIGS MORRIS & ERSKINE GEORCE BISPHAM PAGE ROBESON LEA PEROT CHARLES A, PLATT PRICE & McLANAHAN GEORGE U. REHFUSS SPENCER ROBERTS SCOOPES & FEUSTMAN HORACE WELLS SELLERS SQUIRES & WYNKOOP JOHN CALVIN STEVENS & JOHN HOWARD STEVENS CLIPSTON STURGIS THOMAS, CHURCHMAN & MOLITOR

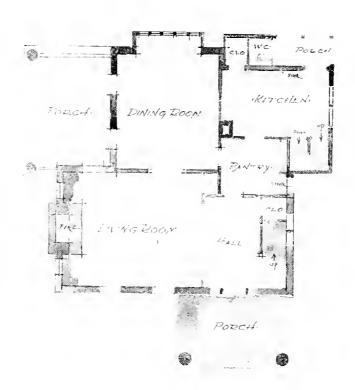
WAID & WILLAUER



MURAL DECORATION
H. HANLLY PARKER



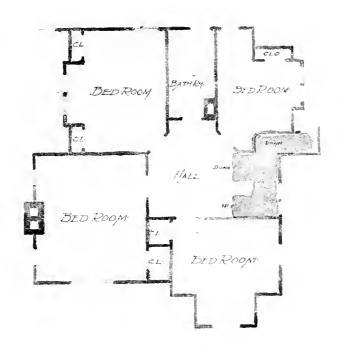
SKETCH FOR HOUSE AT CEDARCROFF, MD. Morris and Erskine, Architects, Philadelphia



TIRST FLOOR PLAN



SIDE ELEVATION HOUSE AT CEDARCROFT, MD



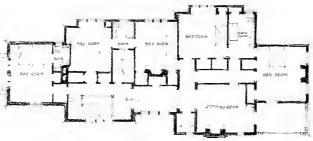
SECOND FLOOR PLAN



FRONT ELEVATION, RESIDENCE OF MRS. MARGARET R. PERRINE, TRENTON, N. J. Spencir Roberts, Architect, Philadelphia



FIRST TILOGE PLAN



JECOND TLOOR PLAN



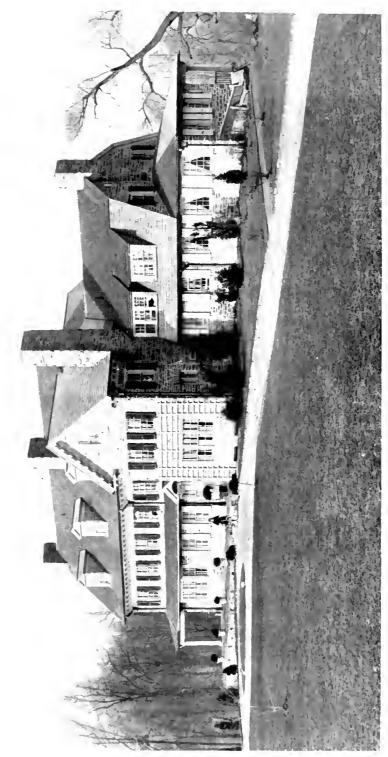
REAR ELEVATION, RESIDENCE OF MRS. MARGARET R. PERRINE, TRENTON, N. J. Spencer Roberts, Architect, Philadelphia



LIVING ROOM, RESIDENCE OF MRS. MARGARET R. PERRINE. FRENTON, N. J. Spincer Roberts, Architect, Philydelphia



DETAIL OF ENTRANCE, COUNTRY HOUSE OF MR. P. F. PEPPER, CHESTNUT HH.L. PA. BROCKIE AND HASTINGS, ARCHITECTS. PHILADELPHIA



COUNTRY HOUSE OF MR. B. F. PEPPER, CHUSTAUT HILL, PA. BROCKIE AND HYSTANS. ARCHITECS. PROTOERIA.

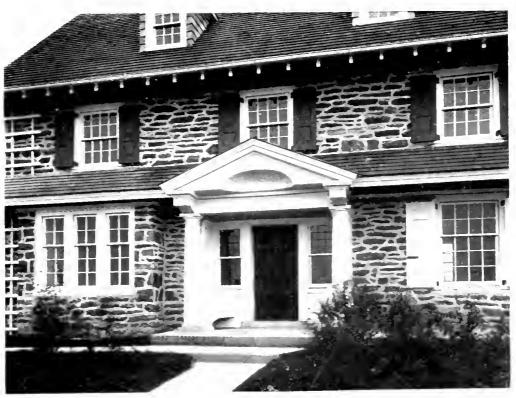






RESIDENCE OF E O TOLAND ESQ WYNNEWOOL PA.

MEILS ON MOSS ARCS COS POLISIERY



*E. GIL OF FRONT ENERANCE RESIDENCE OF E.D. OF K.D. WYNNEWOOD P. MELL'S ON M. OS. AR SUFFERS Pr. 1988 C.



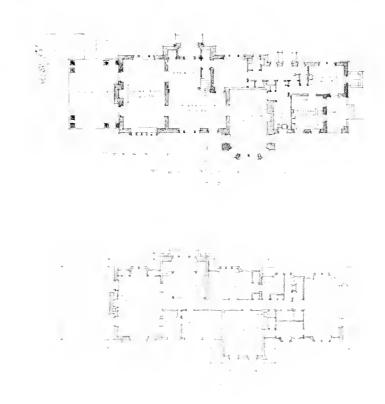




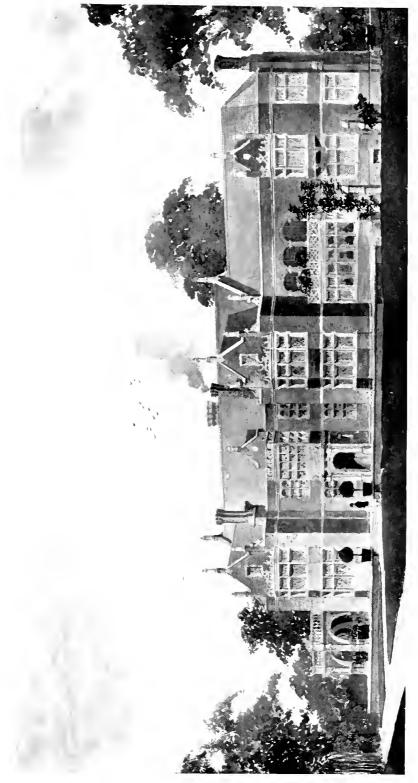
THREE STUDIES RESIDENCE FOR E. M. HOLDEN, M.D., SCARSDALE, N. V. WARD & WILLAUER ARCHITECTS, NEW YORK



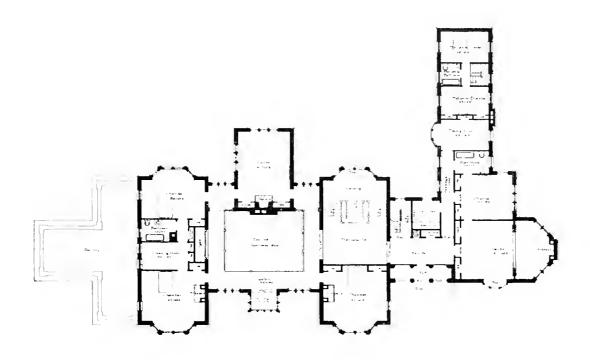
RESIDENCE OF MARSHALL, S. MORGAN, ESQ., WYNDMOOR, PATHOMAS, CHURCHMAN, AND MOLITOR, ARCHITECTS

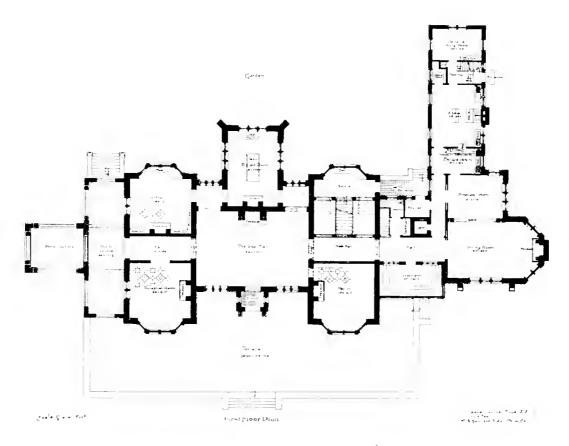


FLOOR PLANS

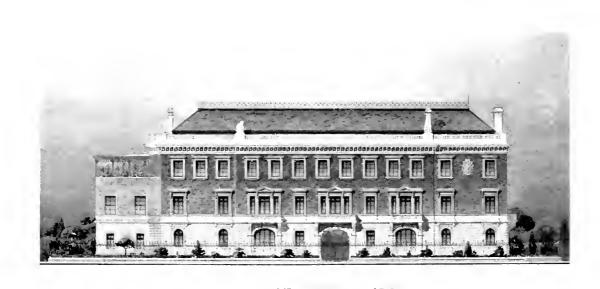


A HOUSE AT MERION, PA LAWRENCE VISSCHER BOYD, ARCHITECT

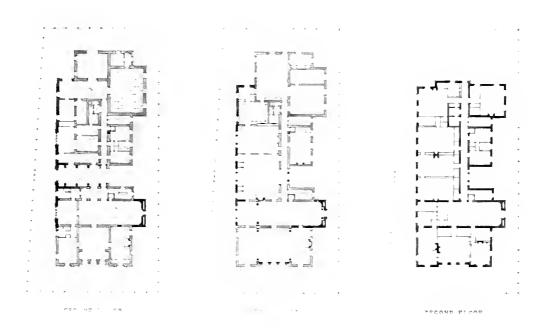




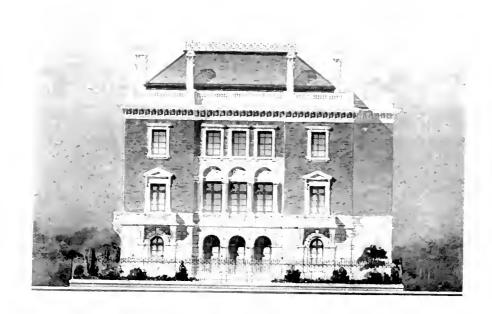
TLOOR PLANS OF A HOUSE AT MERION PA



BAJZA STREET ELEVATION RECONSTRUCTION OF PALACE FOR COUNT LAZLO SZECHENVI BUDAPEST HUNGARY ERNLST FLAGG. ARCHITECT NEW YORK



FI,OOR PLANS OF THE PALACE

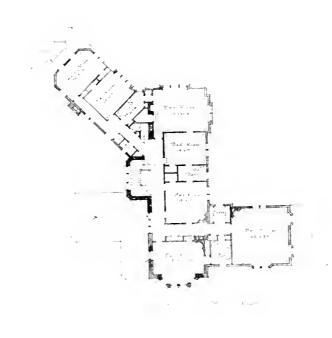


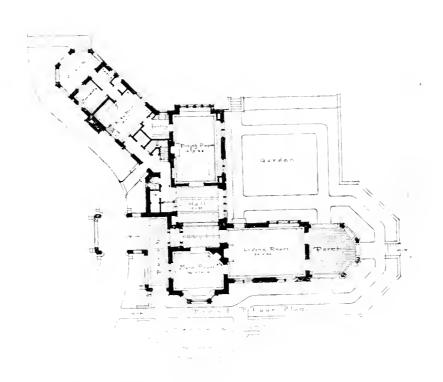
·ANDRACTY-STREET ELEVATION-

ANDRASSY STREET ELEVATION

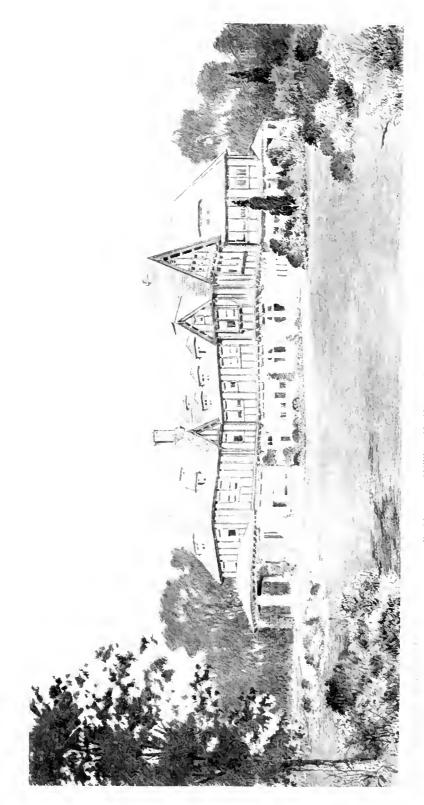


THE ORIGINAL PAPACE.





FLOOR PLANS RESIDENCE OF WILLIAM H. WANAMAKER, ESQ. MERION, PA

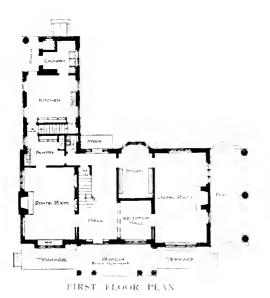


Residence for William H. Wanamaker, Esq., Merror, P.

		~ <u>;</u>

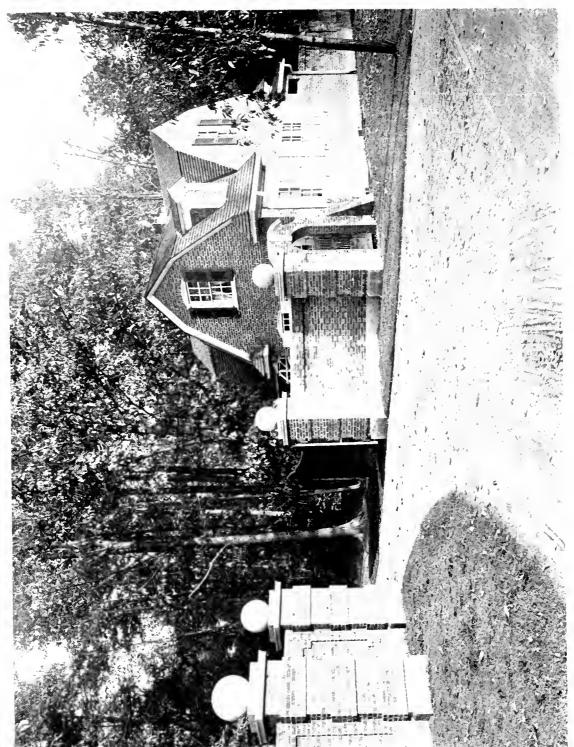


A COUNTRY HOUSE AT ST. DAVID'S, P.A. Robeson Lea Perot, Architect, Philadelphia

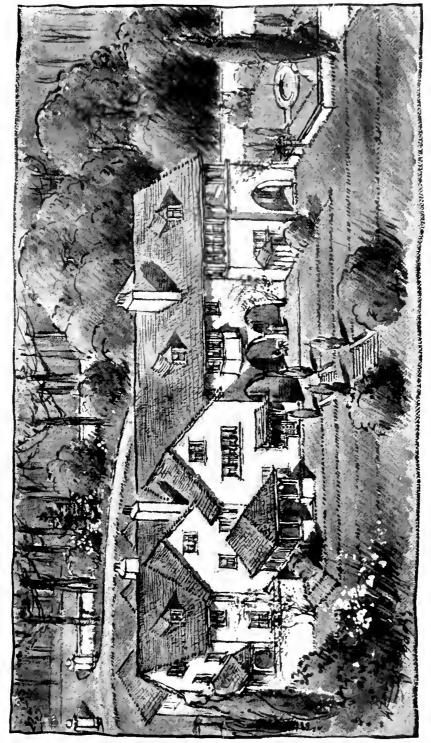




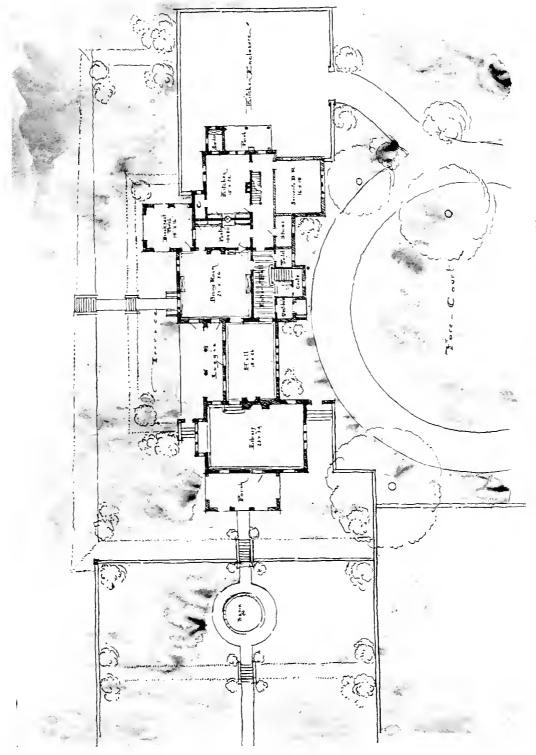
SECOND FLOOR PLAN



A GATEWAY AND LODGE AT MALLERY, PAGEORGE BESTIAM PAG, ARCHITECT, PHILADELILIA



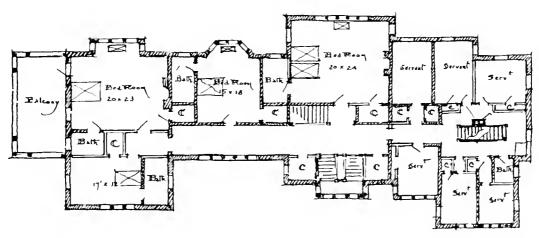
GARDEN ELEVATION, RESIDENCE OF LAY COOKE, 30, ESQ., CHESTNUT HHJL, PA. Wilson Ever, Architica



FIRST FLOOR FLAN, RESIDENCE OF LAY COOKE, 30, ESQ. Wilson Ever, Architect



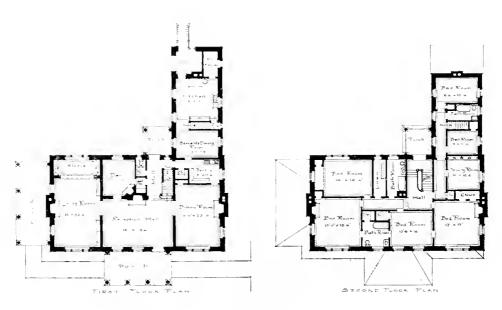
RESIDENCE OF JAY COOKE, 3D. ESQ., CHESTNUT HILL, PA. WILSON EARE, ARCHITECT



SECOND FLOOR PLAN



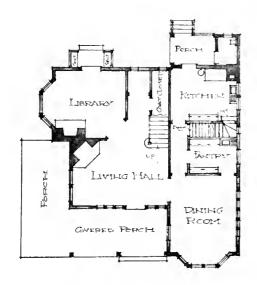
RESIDUNCE OF W. C. KENT, ESQ., WYNCOTE, PA. Thomas Coerrenan and Molitor, Architects



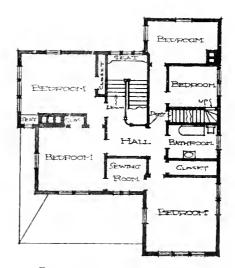
FLOOR FLANS OF RESIDENCE FOR W. C. KENT, ESQ.



A COUNTRY HOUSE NEAR RADNOR, PA-ROBESON LEA PEROT, ARCHITECT PHILADELPHIA



er FIRST-FLOOR-FLAHT.



" SECOND - FLOOR - PLANE -

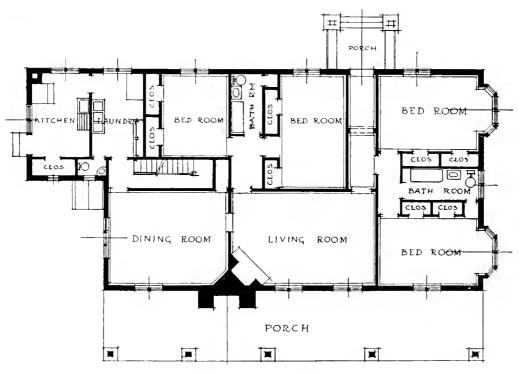
FLOOR PLANS OF A COUNTRY HOUSE NEAR RADNOR, PA.



BUNGALOW OF LEMIS K BROOKE ESO, ST. DAVID'S, PA. GEORGE U. REHFUSS, ARCHITECT



ENTRANCE TO ESTATE OF LEWIS K. BROOKE, ESQ., ST. DAVID'S, PA.



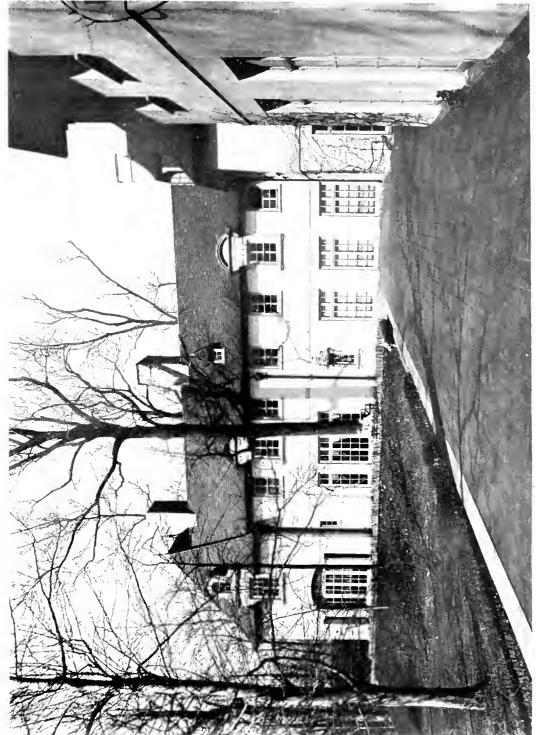
THE PLAN OF THE BUNGALOW



RESIDENCE OF ROBERT & CASSAIT, ESQ. ROSEMONT, PA Cope and Stewardson, Architects



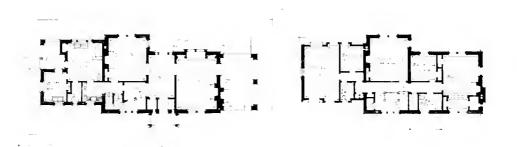
DINING ROOM, RESIDENCE OF ROBERT K. CASSATT, ESQ.



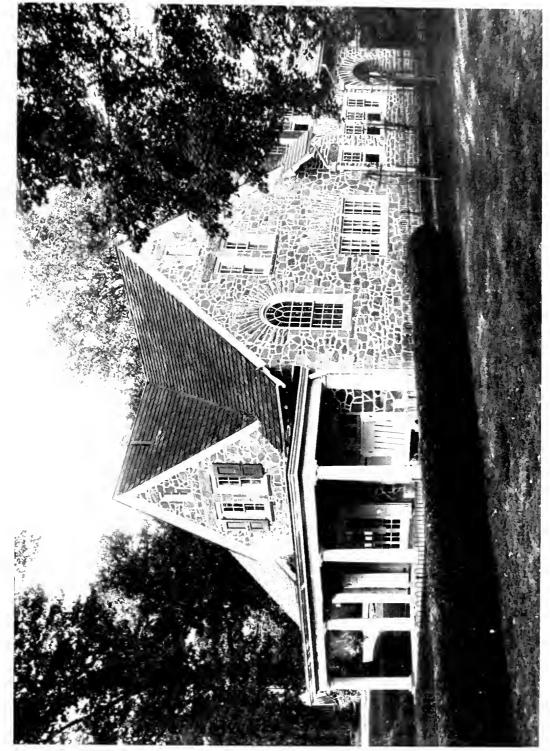
THE DINING ROOM WING RESIDENCE OF ROBERT IN CASSAIT, ESQ.



RESIDENCE OF MATTHEW MAURY, ESQ., QUEEN LANE, PA. THOMAS, CHURCHMAN AND MOLITOR, ARCHITECTS



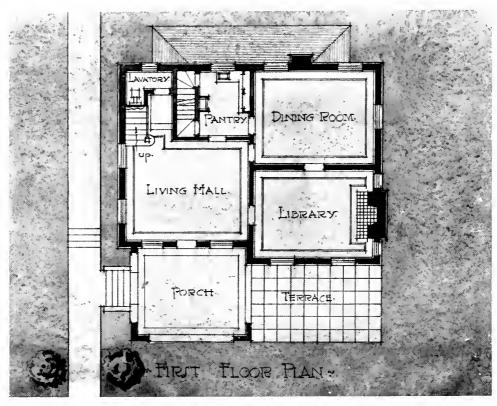
FLOOR PLANS, RESIDENCE OF MATTHEW MAURY, ESQ.



RESIDENCE OF ALFRED MELLOR, ESQ., GERMANTOWN, FA. MELLOR AND MEIGS, ARCHITECTS, PHILADELPHIA



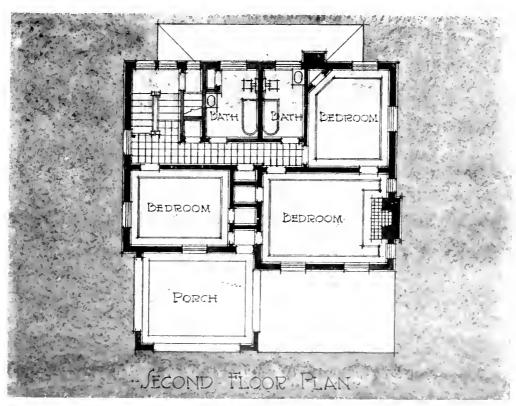
HOUSE ON SUMMIL AVENUE, JENKINTOWN, PA.
BISSIEL AND SINKIER, ARCHITECTS



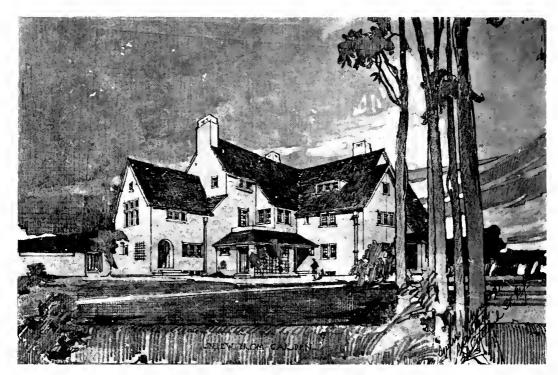
TIRST FLOOR PLAN, HOUSE ON SUMMIT AVENUE



REAR ELEVATION, HOUSE ON WYNCOTE ROAD, JENKINTOWN, PARELL AND SINKLER, ARCHITECTS



SECOND FLOOR PLAN. HOUSE ON SUMMIT AVENUE



RESIDENCE FOR MR. A. B. STEEN, SOUTH OH, CHIY, PA. SQUIRIS AND WANKOUP, ARCHITECTS, NEW YORK



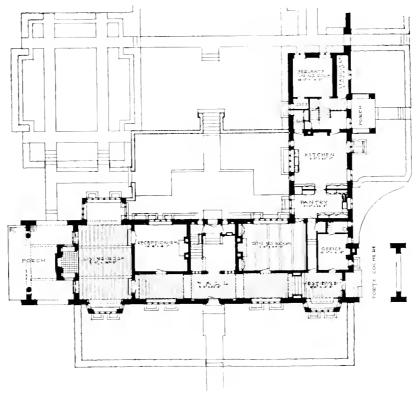
FRATERNITY HOUSE, SCHENECTADY, N. Y. SQUIRES AND WYNKOOP, ARCHITECTS, NEW YORK



DETAIL, COUNTRY HOUSE AT MELROSE, PA. FOR THEODORI VOORHEES, ESQ. FRANK MILES DAY AND BROTHER, ARCHITECTS



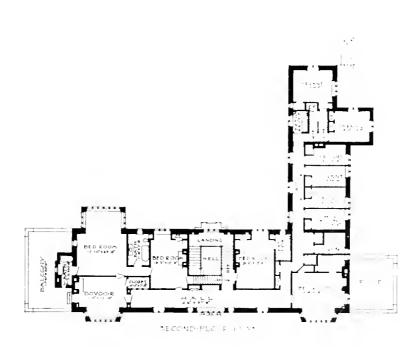
A COUNTRY HOUSE AT MELROSE, PA., FOR THEODORE VOORHEES, ESQ. Frank Miles Day and Broider, Architects



FIRST FLOOR PLAN



DETAIL, COUNTRY HOUSE AT MELROSE, PA, FOR THEODORE VOORHEES, ESQ.

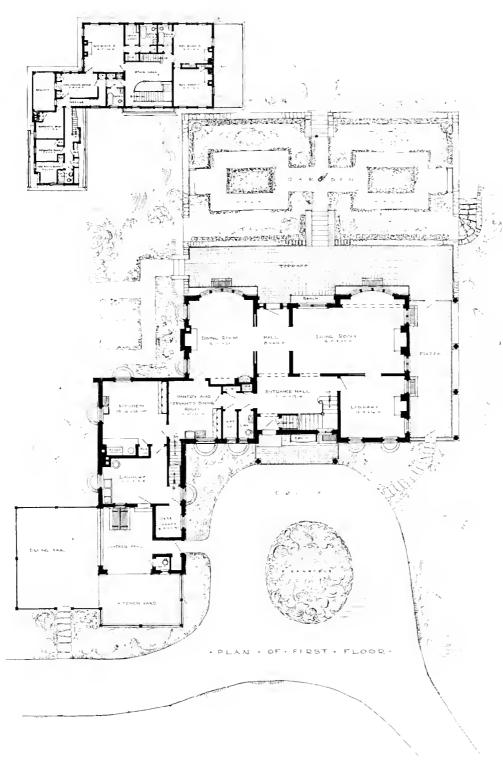




A HOUSE ON GLENN ROAD, ARDMORE, PA. Horaci Welis Seilers Architect Philadelphia



TROM THE GARDEN, A HOUSE ON GLENN ROAD, ARDMORE, PA.

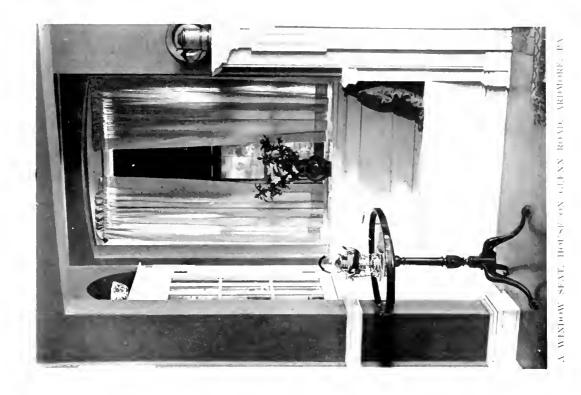


FLOOR PLANS, A HOUSE ON GLENN ROAD, ARDMORE, PA.





DETAIL, OF TERRACE, HOUSE ON GLENN ROAD, ARDMORE, PA.



The state of the s

THE HALL HOUSE ON GLENN ROAD, ARDMORE, PA.



RESIDENCE FOR CHARLES R. WITHERSPOON, ESQ., ROCHESTER, N. Y. CLAUDI BRAGDON, Architect, Rochester, N. Y.



RESIDENCE FOR C. WALTER SMITH, ESQ., ROCHESTER, N. Y. CLAUDE BRAGDON, ARCHITECT, ROCHESTER, N. Y.



RESIDENCE OF CLINTON L. WMINER, FSQ., OAKLAND, CM., Ergar A. Mythens, Architect, Say Francisco, Cm.



"PRINCESSGATE," WYOMING, N. J. JOY WHELLER DOW, ARCHITECT, WYOMING, N. J.



"THE RABBIT HOUSE, WYOMING, N. J. JOY WHEELER DOW, ARCHITECT, WYOMING, N. J.



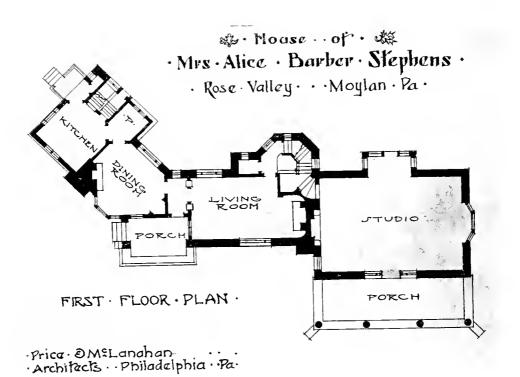
RESIDENCE OF FREDERICK W. TAYLOR, ESQ., CHESTNUT HILL, PA MANTLE FIELDING, ARCHITECT, PHILADELPHIA



RESIDENCE FOR DR. IOSEPH A. CRAMP, OAK LANE, PA. George P. Rehfuss, Architect



HOME OF MRS. ALICE BARBER STEPHENS, ROSE VALLEY, MOYLAN, PA.
PRICE AND MCLANAIAN, ARCHITECTS, PHILADELPHIA





THE KITCHEN WING, HOME OF MRS. MAICE BARBER STEPFIENS, MOYEAN, PA. Price and Melanaman Architicis, Philadelphia



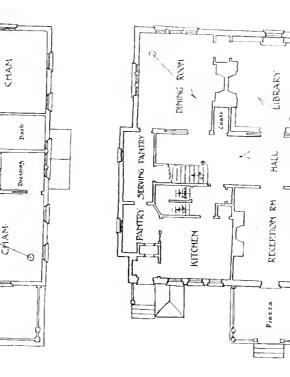
STUDIO, HOME OF MRS. MACL RARBER STEPHENS, ROSE VALLEY. MOYEAV, PAPER OF AND MCLANARY ARCHITETS, PHILADELPHIA



RESIDENCE OF RICHARD WEBE, PORTLAND, MAINE JOHN CAND STRUES ASSOCIATED ARCHITECTS, PORTLAND, MAINE



O

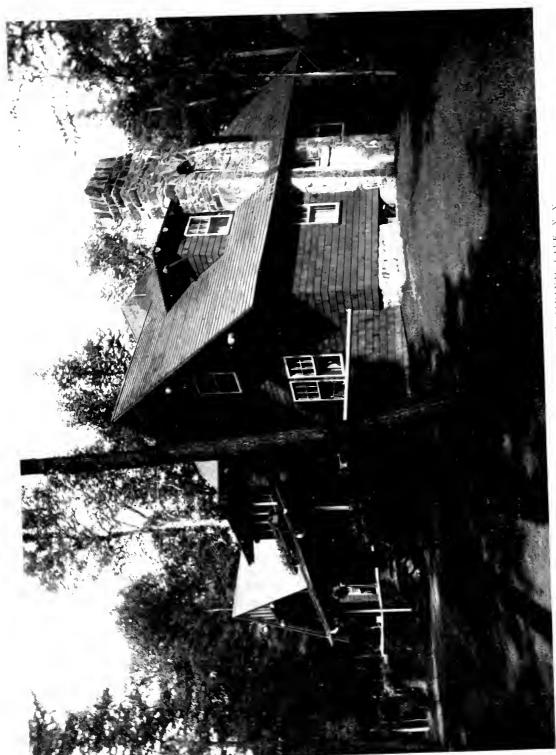


CHAN

CHAN

Lines

DETAIL, OF MAIN ENTRANCE, RESIDENCE OF RICHARD WEER, PORTLAND, MAINE JOHN CALUX STIVINS AND JOHN HOWNED STRUENS, ASSOCIATED ARCHITECES, PORTLAND, MAINE



CAMP OF CHARLES J. SWAIN, ESQ. LOWER SARANACLARE, N. Y. Scoopes and Peustman, Architects, Saranac Lake, N. Y.

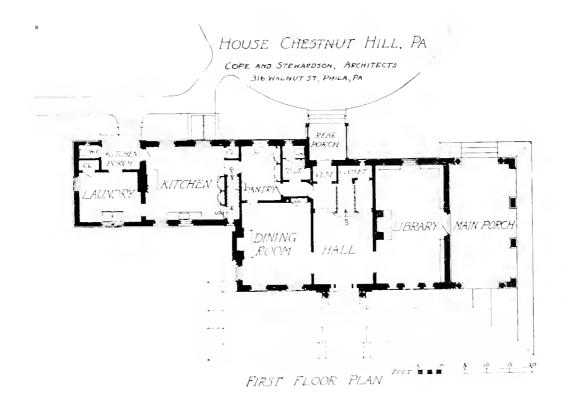


A Country House at Wynnewood, Pa

	C .	
*		

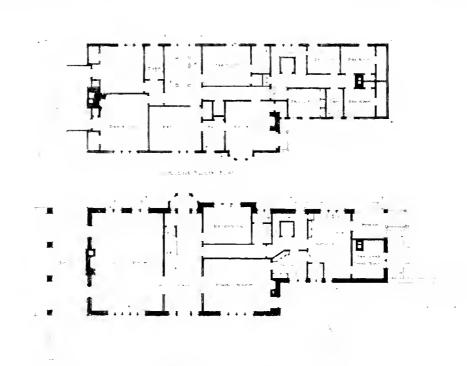


HOUSE AT CHESTNUT HILL, PA. Cope and Stewardson, Architects, Philadelphia





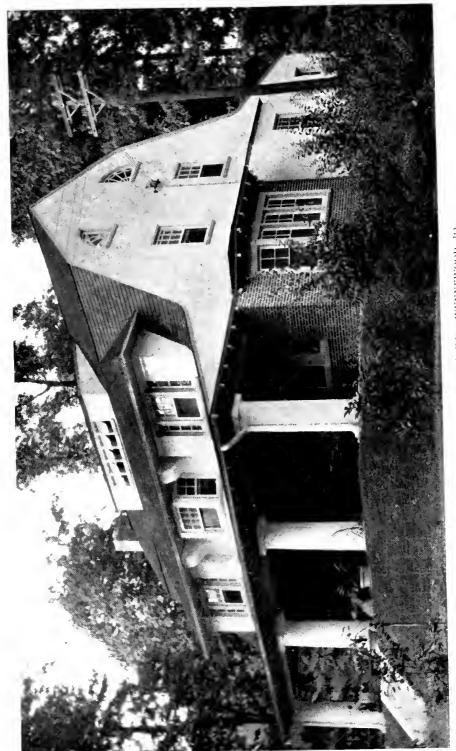
RESIDENCE OF JOHN I BRIGHT, BRYN MAWR, PA EVANS & BRIGHT ARCHITECTS, PHILADELPHIA



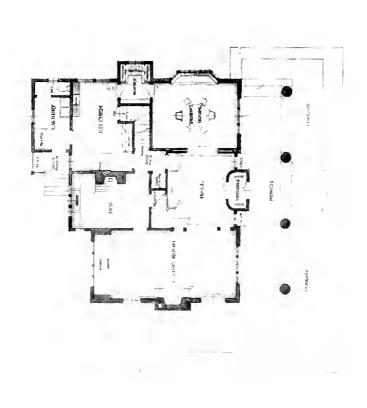
FLOOR PLANS



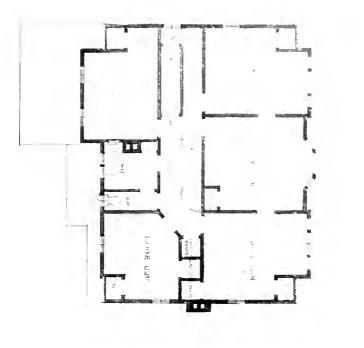
A HOUSE ON LAKE ERIE Charles A. Platt, Architect, New York



RESIDENCE OF ANSEL D. JONES, ESQ., WYNNEWOOD, PA. Wesley Lesher Blithe, Architect, Philadelphia



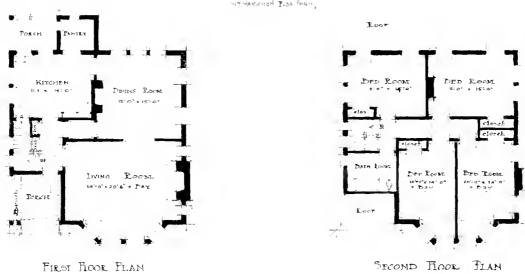
FIRST FLOOR PLAX, RESUBENCE OF ANSEL D. JONES, ESQ., WYXXEWOOD, EA. WESER, USBUR BLYDE, ARCHTECT, PHILAGEPHIA



SECOND FLOOR PLAN, Wesley Lesure Beith, Wesley, Philadelphia.



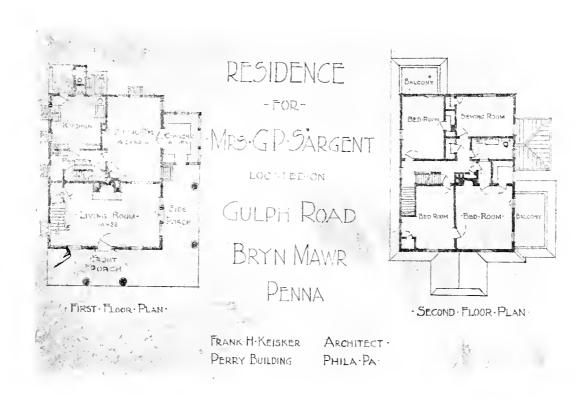
STIDY FOR COTTAGE.



STUDY FOR COTTAGE George S. Idell, Architect, Philadelphia



RESIDENCE OF MRS. G. P. SARGENT, BRYN MAWR, PA. Frank H. Krisker, Architect, Philadelphia





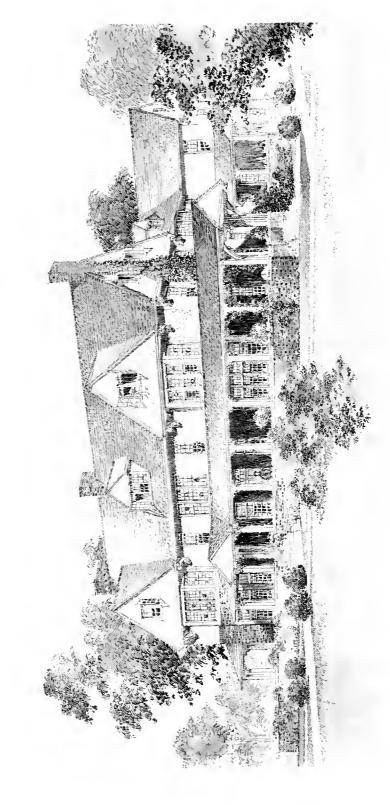
SKETCH OF HOUSE OF MRS. ALICE BARBER STEPHENS, ROSE VALLEY, MOYLAN, PA. PRICE AND MCLANAHAN, ARCHITECTS, PHILADELPHIA



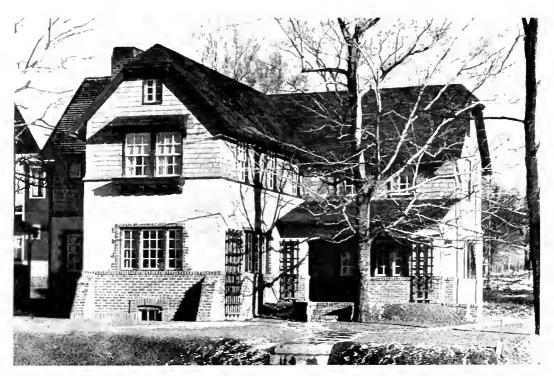
PROPOSED HOUSE AT ROSE VALLEY, MOYLAN, PA. PRICE AND MCLANMAN, ARCHITECTS, PHILADELPHIA



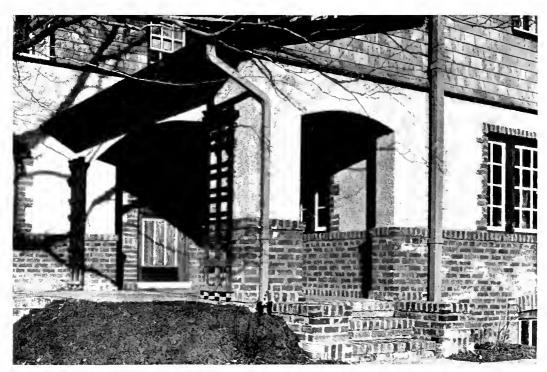
PROPOSED HOUSE NEAR WALLINGFORD, PA.
PRICE AND MCLANAHAN, ARCHITECTS, PHILADELPHIA



RESIDENCE FOR C. H. GEIST, ESQ., OVERBROOK, PA. CHARLES BARTON KEEN, ARCHITECT, PHILADELPHIA



RESIDENCE OF PROF. H. C. PRICE, COLUMBUS, O. J. Upton Gribben, Abenitect, Columbus, O.



DETAIL OF PORCH, RESIDENCE OF PROF. H. C. PRICE, COLUMBUS, O. J. Upton Gribben, Architect, Columbus, O.



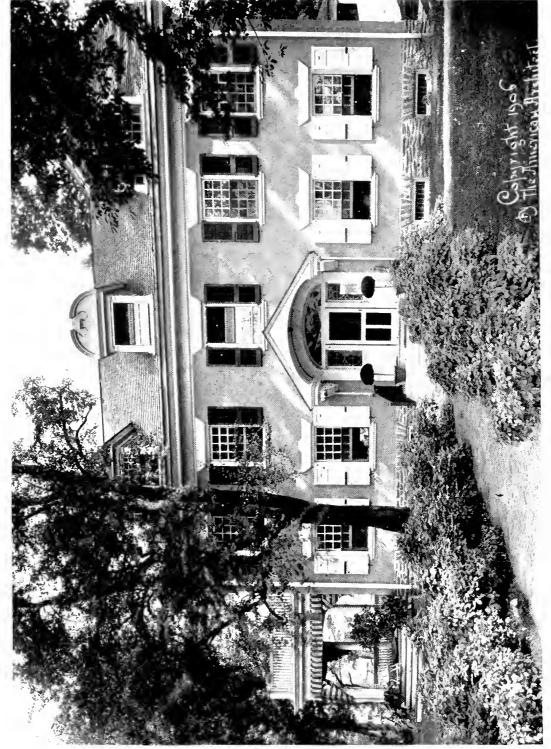
RESIDENCE OF TROF. H. C. PRICE, COLUMBUS, O. J. UPTON GRIBBEN, ARCHITECT COLUMBUS, O.



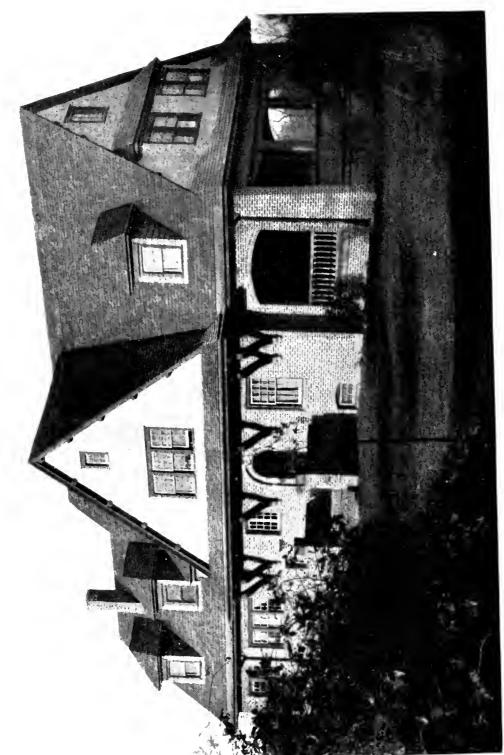
DINING ROOM, RESIDENCE OF PROF. II. C. PRICE, COLUMBUS, O. J. Upton Gribben, Architect, Columbus, O.



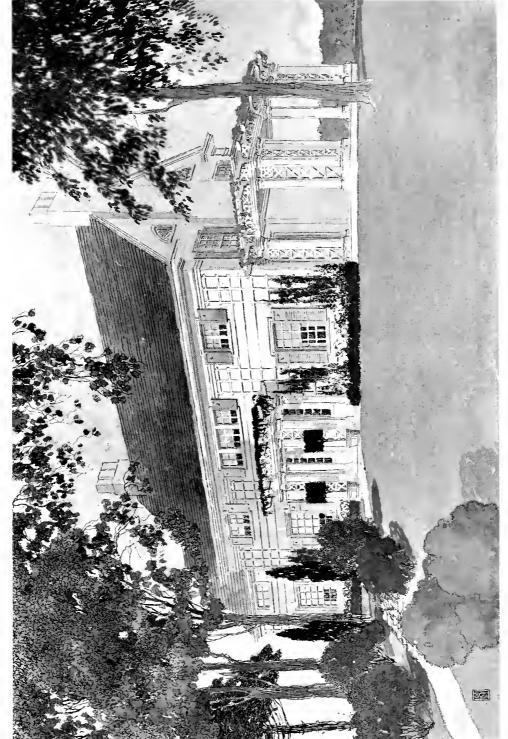
RESIDENCE OF J. II. MORICE, JR., ESQ., HAVERFORD, PA. Robeson Lea Perot, Architect, Philadephia



RESIDENCE OF ROBERT S, NEWHALL, ESQ., GERMANTOWN, P.A. MANTLE FIELDING, ARCHITECT, PHILADELPHIA



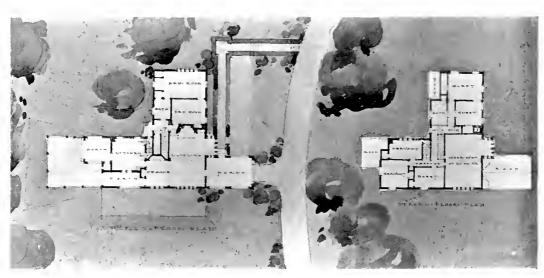
A RESIDENCE AT LANSDOWNE, PA. Heacock and Horanson, Architects, Philadelphia



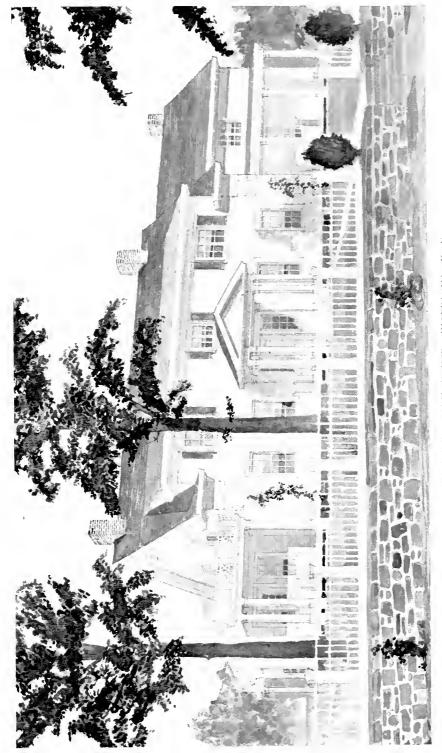
AN ARCHITECTS HOUSE AVMAR EMBERY, 110, ARCHITECT



RESIDENCE FOR MR EDWIN J. SCHOETTLE, ISLAND HEIGHTS, N. J. Charles Z. Klauder Architect



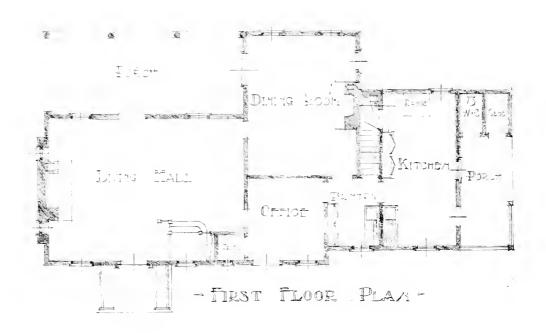
FIRST AND SECOND FLOOR PLANS



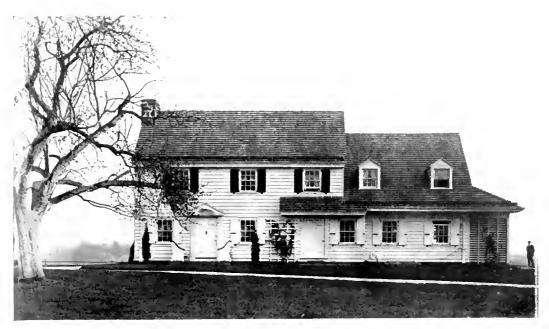
A REMODELED FARM HOU'SE, CHAPPAQUA, N. Y. Allered Hyssell, Architect, New York



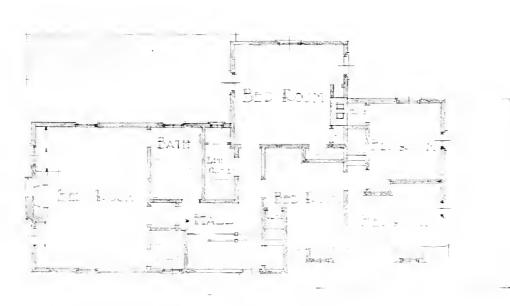
HOUSE OF DAVID BUNTING SHARP, ESQ. BERWYN, PA. DUHRING, OKIE AND ZIEGLER, ARCHITECTS



TIRST FLOOR PLAN



HOUSE OF DAVID BUNTING SHARP, ESQ. BERWYN PADURRING, OKIE AND ZIEGLER, ARCHITECTS



TOOMS PLANT

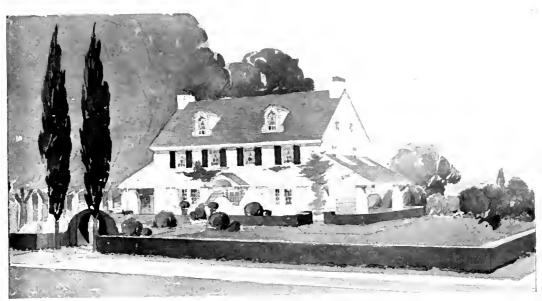
SECOND FLOOR PLAN



A VILLA BY THE SEA CLARINCE W. BRAZER, ARCHITECT, NEW YORK



A COTTAGE FOR RUSHFON PEARODY, ESQ., ENGLEWGOD, N. J. AYMAR EMBURY, H. ARCHITECT, NEW YORK



HOUSE FOR HOWARD REIFSNYDER, ESQ., LANGHORNE, PA. CHARLES Z. KLAUDER, ARCHITECT



SECOND FLOOR PLAN



FIRST FLOOR PLAN



RESIDENCE AT BERWYN, PA. FOR R S. MACNAMEF ESQ. D. KNICKERBACKER BOYD, ARCHITECT



RESIDENCE AT LANSDOWNE, PA. BUNTING & SHRIGLEY, ARCHITECTS



ENTRANCE PORFICO, HOUSE AT DEDITAM, MASSACHUSLATS FRAXE, CHOUTEAU BROWN, ARCHITECT, BOSTON, MASS.



CHARLS A. PLATE, ARTHUTECE, NEW YORK



A COUNTRY HOUSE Louis Boynton, Architict New York



HOUSE AT NOROTON, CONN.
R. CLIPTON STURGIS, ARCHITECT, BOSTON, MASS.

INTERIORS

Illustrating the work of

GRÖSVENOR ATTERBURY
FRANCIS H. BACON
BISSELL & SINKLER
CHAPMAN DECORATIVE COMPANY
ARTHUR CRISP
A. H. DAVENPORT COMPANY
WILSON EYRE

ALFRED GODWIN
HEACOCK & HOKANSON
FRANK H. KEISKER
KILHAM & HOPKINS
MELLOR & MEIGS
H. HANLEY PARKER
WALTER F. PRICE

HARRY KNOX SMITH



A BREAKFAST ROOM CHAPMAN DECORATIVE CO



THE HALL, "FAIRACRES," JENKINTOWN, PA. WILSON EVRE, ARCHITECT



RECEPTION ROOM, "FAHRACRES," JENKINTOWN, PA. WHESON FYRE, ARCHITECT



LIBRARY, "FAIRACRES," JENKINTOWN, PA. WHISON EVEF, ARCHITECT



DINING ROOM, "FAIRACKES," JENKINTOWX, PA. Wilson Eyre, Architect





THE BATTLE OF THE LILIES AND THE ROSES, LIBRARY WINDOW DISEASED AND EXICETED BY ALFEED GODWIN



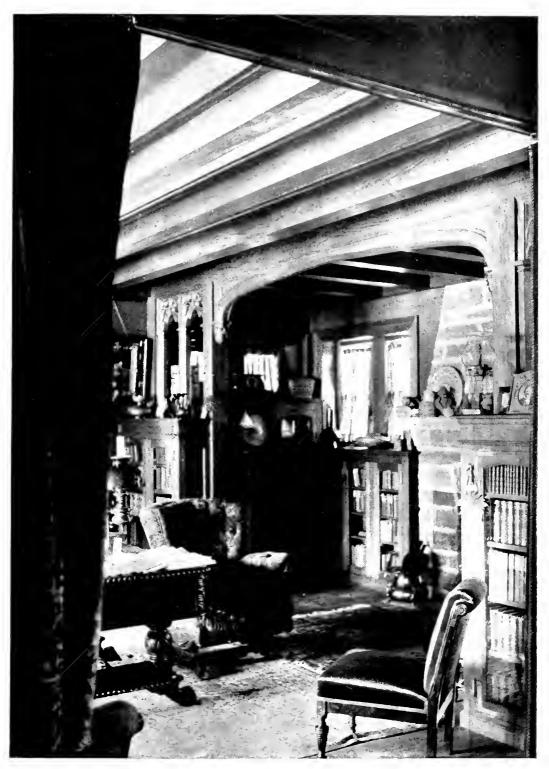
Lounging Room



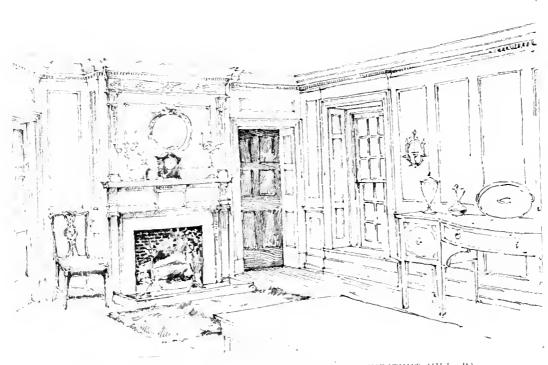
BREAKFAST FORCH, "BLITHEWOOD," RESIDENCE OF WILLIAM L. McKEE, ESQ., BRESTOL, R. L. Kilham and Hopkins, Architects, Boston, Mass.



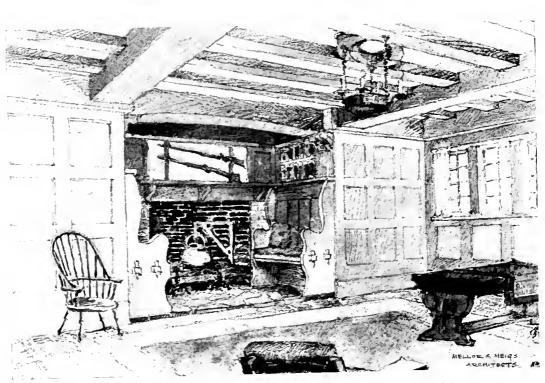
INTERIOR, GOVERNOR'S SUITE, CITY HALL, NEW YORK GROSVENOR ATTERBURY, ARCHITECT, NEW YORK



LIVING ROOM, RESIDENCE OF MRS. HELENA W. ELLIOTT, BRYN MAWR, PA. Walter F. Price Architect. Philadelphia



DINING ROOM, RESIDENCE OF J. H. PACKARD, ESQ., CHESTNUT HILL, PA. MEILOR AND MEIGS, ARCHITECTS, PHILADELPHIA



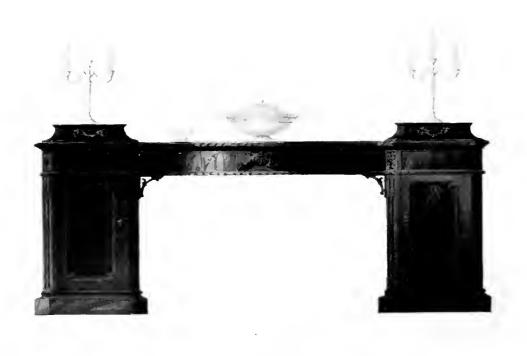
DEN. RESIDENCE OF J. IN PACKARD, ESQ., CHESTNUT HILL, PA. Mellor and Meigs, Architects, Philadelphia



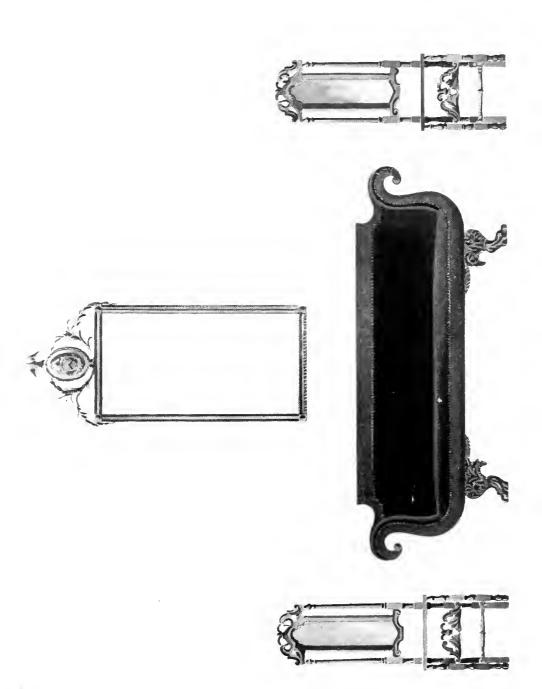
DINING ROOM, HOUSE AT OCEAN CITY, N. J. A. H. Divenbort Company Boston, Mass.



DESIGN FOR BOOKCASE FRANCIS II. BAGON BOSTON, MASS.



DESIGN FOR SIDEBOARD FRANCIS H. BACON, BOSTON, MASS.



DESIGNS FOR HALL FURNITURE FRANCIS III. BAON HOSTON, MASS.



DINING ROOM OF RESIDENCE AT LANSDOWNE, PA. HEACOCK AND HORANSON, ARCHITECTS, PHILADLEPHA





LIVING HALL, RESIDENCE OF J. P. BROCK, ESQ., LEBANON, PA. BISSELL AND SINKLER, ARCHITECTS



TREATMENT OF HALL IN CITY RESIDENCE DECORATED BY H. HANLEY PARKER



INCLEMOOK, RESIDENCE OF HUGH DOVLE, ESQ., HIGHLAND PARK, PA. PRALIGHANDOLA.

PRANK H. KITSKIR, MEDITAL. PRITABLIA.



MURAL DECORATION ARTHUR CRISP, NEW YORK



DETAIL OF PAINTED GLASS WINDOW, ERDMAN RESIDENCE, NEW YORK HARRY KNOX SMITH, NEW YORK



MAIN CORRIDOR, "BLITHEWOOD," RESIDENCE OF WILLIAM L. McKEE, ESQ., BRISTOL, R. I. Kulham and Hopkins, Architects, Boston, Mass.

GARDENS, STABLES AND GARAGES

Illustrating the work of

WALTER D. BLAIR
LAWRENCE VISSCHER BOYD
BROCKIE & HASTINGS
FRANK CHOUTEAU BROWN
HAROLD C. CAPARN
HERMAN L. DUHRING, JR.
DUHRING, OKIE & ZIEGLER
SAMUEL HOWE

C. E. HOWELL
R BROGNARD OKIE
PITKIN & WEINRICHTER
WALTER PRICE
HENRY L. REINHOLD
HORACE WELLS SELLERS
TOWNSEND & FLEMING
WAID & WILLAUER



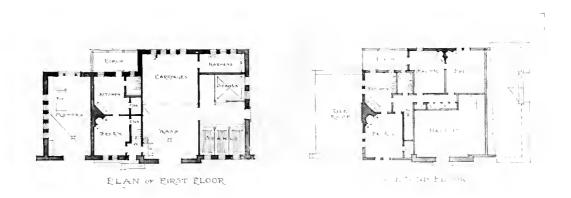
WALLED GARDEN OF MRS. MONCURE ROBINSON, PAOLI, PA. DUHRING, OKIE & ZIEGLER, ARCHITECTS



A WALL GARDEN
DESIGNER BY SAMUEL HOWE, NEW YORK



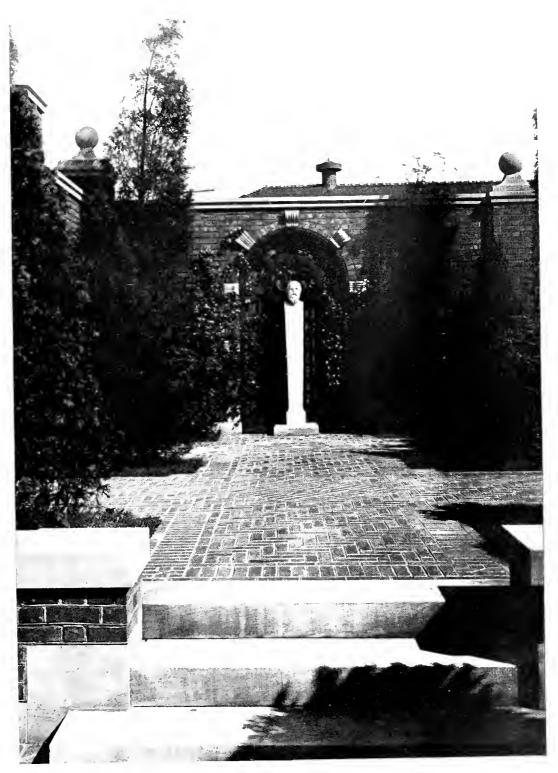
STABLE AND GARAGE FOR C. C. DULA, ESQ., GREYSTONE, X. Y. WALTER D. BLAIR, ARCHITECT, NEW YORK



FLOOR PLANS



A GANDEN FOUNTAIN DESIGNED BY HERMAN L. DUHRING, JR.



A FORMAL GARDEN
TOWNSEND AND FLEMING, LANDSCAPE ARCHITECTS BUTLAND N. Y





THE LONG RESIDENCE OF STREET STREET



FORMAL GARDEN AT DEVON. PA. BROCKIE AND HASTINGS, ARCHITECTS PHILADELPHIA



FORMAL GARDEN AT DEVON, PA. .. Brockie and Hastings Architects. Philadelphia



STABLE AT WEST CHESTER, PA. Waid and Millaner, Architects, New York

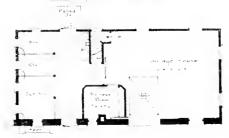


STABLE OF HENRY JUSTICE, ESQ., DEVON, PA. DURRING, OKIE AND ZIEGIER, ARCHITECTS

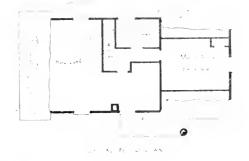


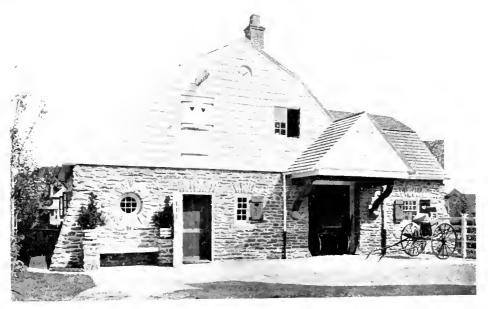
FLOOR PLAN





FLORE FLAN

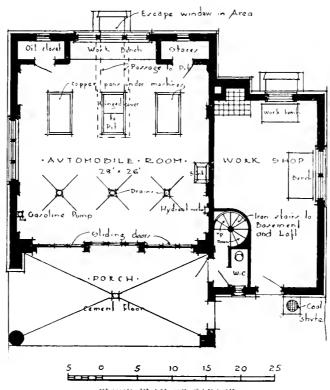




A STABLE AT ELKINS PARK, PA. LAWRENCE VISSCHER BOAD, ARCHITECT



GARAGE AT DEVON, PA. HORACE WILLS SELLERS



FLOOR PLAN OF GARAGE



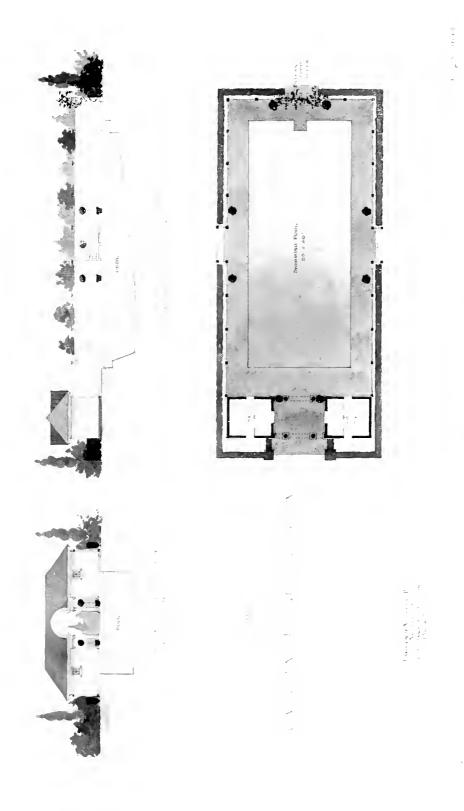
GARAGE AND COACHMAN'S HOU'SE AT DEVON, PA. HORNE WELLS SELLES.



DETAIL OF PERGOLA AT ROSE VALLEY, PA. WALTER F. PRICE ARCHITECT PHILADELPHIA



GARDEN GATE, HOME OF R. BROGNARD OKIE, ESQ., LEÓPARD, PADESGNED BY THE OWNER



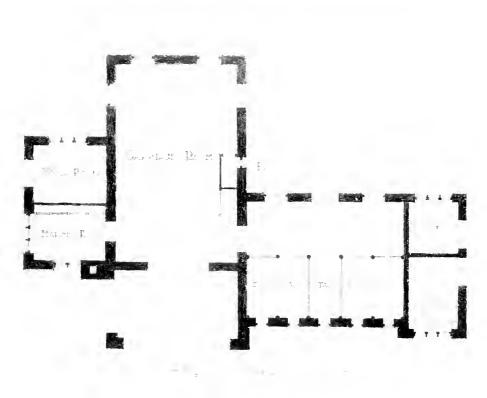
PRIVATE SWIMMING POOL, AT ASHBOURNE, PA. LAWRENCE VISSCHEE BOOD, ARCHITECT



GARDEN FOR GEORGE BALL, ESQ., NEWARK, O. C. E. HOWELL, ARCHITECT, COLUMBUS, O.



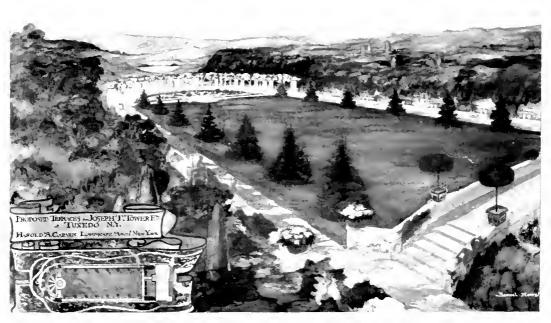
STABLE FOR JOHN D. Mc H.HENNY, ESQ., GERMANTOWN, PA. Duhring, Okie and Ziegler, Architects



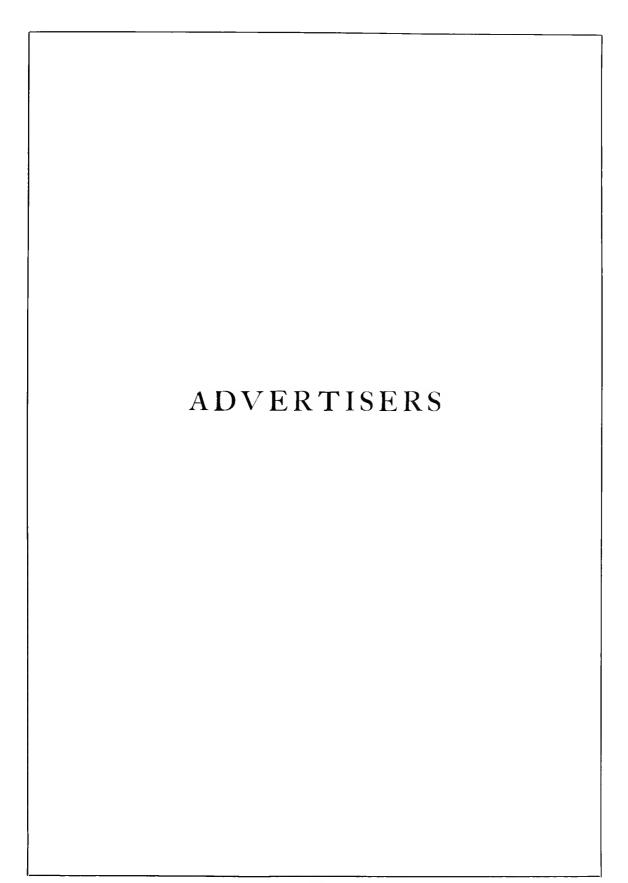
FIRST FLOOR PLAN

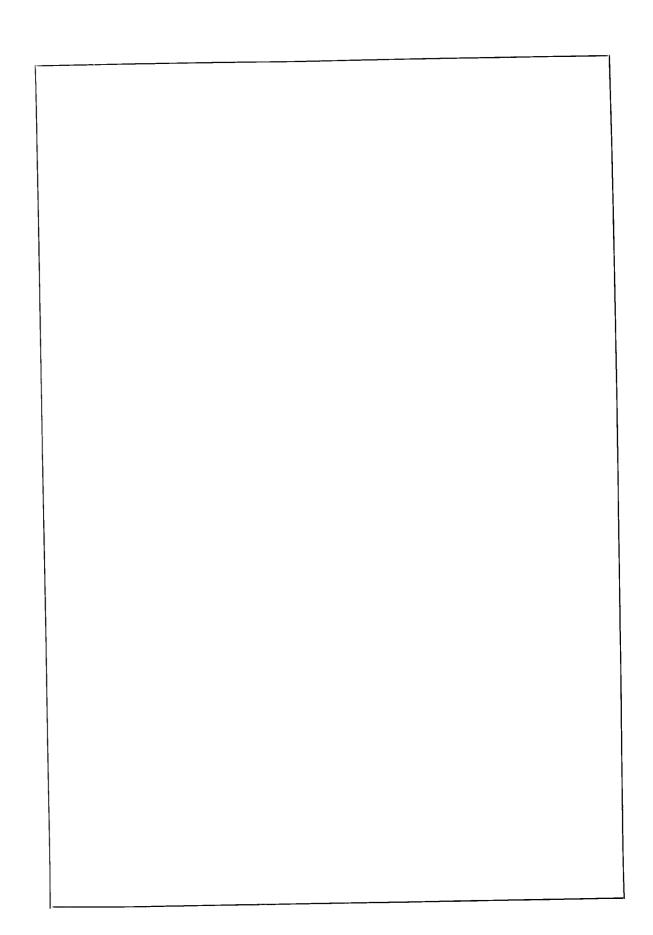


HOUSE AND GARDEN FOR CLEMENT STUDEBAKER, ESQ. JR., SOUTH BEND, IND Pitkin & Weinrichter, Landscape Architects, Rochlster N. $^{\rm V}$



PROPOSED GARDEN FOR JOSEPH T. TOWER, ESQ., TUXEDO N. Y. Harold A. Capara, Landscapt Architect, New York Delineated by Samlel Howe, New York





Advertisers.

ARCHITECTURAL METAL WORK	BUILDING MATERIALS
PAGE	PAGE
Gorham Co. 237 Remppis Co., Wm. 250 Smyser-Royer Co. 240	DeFrain Sand Co
	CARPETS AND RUGS
ARCHITECTURAL WOODWORK	Fritz & La Rue240-241
Adams, Daniel 225 Barber, John 284 Chapman Decorative Co. 209 Hale & Kilburn Co., The 246 Watson & Robinson 210 Wilt & Sons, A. 280	CASEMENT WINDOWS AND SASHES Bettle, Jr., Samuel
BLUE PRINTS	
Blumhard Blue Paper Co., C. A 288	CEMENTS Atlas Portland Cement Co
BOILERS American Radiator Co	Borgner Co., Cyrus 288 French & Co., Samuel H. 222-223 Knickerbocker Lime Co. 280 Lesley & Trinkle Co. 268
	CONTRACTORS AND BUILDERS
BRICK MANUFACTURERS AND DEALERS Conway, Wm	Appleton & Burrell 286 Ballinger & Co., R. C. 288 Cornell & Son, J. S. 270 Doak & Co., James G. 279 Dougherty, Wm. R. 290 Gill & Co., John 284 Wallace, Frank E. 288 Whitehead, A. 286
BUILDERS EXCHANGE	CONCRETE CONSTRUCTION
Master Builders Exchange200-207	Turner-Forman Concrete Co 224

CONDUCTOR PIPE	FIREPROOF BUILDING MATERIALS
PAGE	PAGE
Berger Bros. Co	Dahlstrom Mfg. Co. 273 Ketcham, O. W. .261-264 Phila. Fireproofing Co. 245
CORK FLOORING	
Kennedy Co., Inc., David E 202	FURNACES, RANGES AND GAS RANGES
DECORATORS AND FURNISHERS	Cox Stove Co., Abram 274
Chapman Decorative Co. 200 Davenport Co., A. H. 228-220 Hale & Kilburn Co., The 246 Reid, John W. 220	Makin Heating Co.250Model Heating Co.283Spear Stove & Heating Co., James.238
	GARDEN POTTERY
ELECTRICAL CONTRACTORS AND ENGINEERS	Galloway Terra Cotta Co
Buchanan & Co., J. F. 280 Francis Bros. & Jellett, Inc. 221 Hill & Co., Malcolm W. 260	Tognarelli & Voigt
Keller, Píke & Co	GLASS
ELECTRIC SERVICE AND EQUIPMENT	Century Stained Glass Works, Ltd 287 Heinigke & Bowen
General Electric Co., The	HARDWARE MANUFACTURERS AND DEALERS
ELEVATORS	Corbin, P. & F
A B See Elevator Co	Field's Sons, Charles J. 210 Murta, Appleton & Co. 252 Russell & Erwin Mfg. Co. 213 Sargent & Co. 248
ENGRAVING AND PLATE MAKING	Stanley Works, The
Electro Tint Eng. Co 287	- M. C. T. M. C. M. C. T. M. M. C. T. M
	HARDWOOD FLOORS
FILTERS	Fritz & La Rue240-241
Loomis-Manning Filter Co	
	HEATING AND VENTILATING ENGI- NEERS AND CONTRACTORS
FIRE BRICK AND CLAY RETORTS	Bowers Bros. & Co
Ketcham, O. W	Webster & Co., Warren 285
FIREPLACE FITTINGS	HINGES
French & Co., Samuel H222-223	Stanley Works, The

HORTICULTURAL ARCHITECTS AND BUILDERS	PAINTS, OILS AND VARNISH
	PAGE
Hitchings & Co	Berry Bros, Ltd 247 Dixon Crueible Co., Jos 268 French & Co., Samuel H. 222-223 Pratt & Lambert 284 National Lead Co 244
LIGHTING FIXTURES	PAVING
Lawrence Gas Fixture Mfg. Co 214 United Gas Improvement Co	Geshwind, Herbert W
	PLASTERING
MANTLES AND THES	Tognarelli & Voigt 242
French & Co., Samuel 11	PLUMBING
	Leinau, Roberts
MILLWORK	
Adams, Daniel	PLUMBING GOODS AND SANITARY SPECIALTIES
	Haines, Jones & Cadbury Co. 251 Haynes Thompson Co. 234 L. X. L. Pump Co. 232-233 Standard Sanitary Mfg. Co. 252-203
PAGE	PUMPING ENGINES
Tognarelli & Voigt	Rider-Eriesson Engine Co 200
MOSAICS	RADIATORS
American Encaustic Tiling Co., Ltd 210	American Radiator Co. 211 Smith & Co., The H. B. 214
ORGANS	REGISTERS
Estey Co	Highton & Sons, Wm. 208 Tuttle & Bailey Mig. Co 205
PAINTING, DECORATING AND	ROOFING MATERIALS
PAPERHANGING	Barrett Mfg. Co
	Berger Bros. Co
Black & Son Co., F. A. 288 Chapman Decorative Co., The 209	Ketcham, O. W
Huneker & Son	Ludowici-Celadon Co

SASH CORDS TILES PAGE American Encaustic Tiling Co., Ltd. . . . 219 WALL COATING SHINGLE STAIN Cabot, Samuel 271 WALL PLASTER SKYLIGHTS Schalkenbach & Budke..... 204 WALL TIES STATUARY WATER PROOFING Sonneborn Sons, Inc., L 234 STEAM TRAPS Watson & McDaniel Co 289 WEATHER STRIPS Chamberlin Metal Weather Strip Co 205 STONE DEALERS WINDOW SCREENS Burrowes Co., The E. T. 201 TERRA COTTA Conklin-Armstrong Terra Cotta Co 200



Burrowes Rustless Screens

MADE ONLY TO ORDER

- ¶ For good houses, office buildings, club houses, hotels, hospitals, etc. Strongest, most durable and handsomest screens made.
- Burrowes Lockstrip Method of Wiring prevents netting from sagging or pulling out. Every strand of wire held securely in place.
- ¶ Burrowes Copbronze Netting guaranteed not to rust in any climate.
- © Over 250,000 American homes fitted with our screens
- ¶ Sent on trial. Fit and workmanship guaranteed. We pay the freight.

For details and free estimate write

THE E. T. BURROWES CO.

PHILADELPHIA OFFICE

708 Real Estate Trust Building, Broad and Chestnut Streets
A. E. SNOWMAN, Manager

Factories and Home Office: Portland, Maine, U. S. A.



THE CURTIS PUBLISHING ■ COMPANY BUILDING ■

THE above illustration of the Curtis Publishing Company's new building in Philadelphia was engraved from a photograph of the architect's drawing and shows the building as it will finally appear.

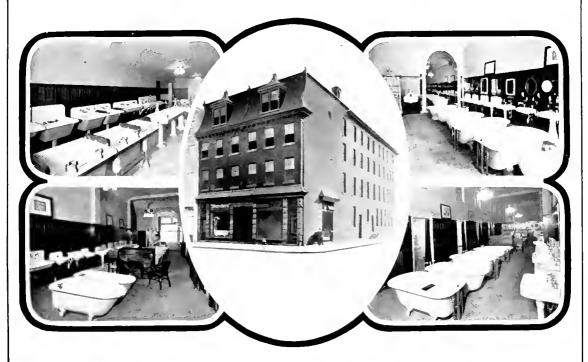
When completed the Curtis building will be one of the finest structures of its kind in the world, as only the best of material is being employed in its construction and furnishing.

A large number of "Standard" Porcelain Enamel Plumbing Fixtures have been specified for installation in this building on account of their durability and effective sanitary operation.

Standard Green and Gold label Plumbing Fixtures are guaranteed for Five Years.

Standard Sanitary Mfg. Co.

General Offices, Pittsburgh, Pa. Philadelphia Showrooms and Offices, 1128 Walnut Street



"Standard" In Philadelphia

THE above illustrations represent exterior and interior views of the "Standard" Philadelphia Showrooms which were opened during 1909. Since there institution, the showrooms have proved to be of great utility to architects, plumbers and contractors in the city and vicinity, and we hope that they will continue so in the future. No trouble will be spared to make the display of "Standard" fixtures at all times representative of the latest and best in sanitary plumbing equipment and as comprehensive as possible.

Standard Sanitary Mfg. Co.

General Offices, Pittsburgh, Pa. Philadelphia Showrooms and Offices, 1128 Walnut Street

REX SYSTEM SKYLIGHTS

STEEL PUTTYLESS GLAZING

(FORMERLY KNOWN AS THE NATIONAL SYSTEM)

Manufactured exclusively by

SCHALKENBACH AND BUDKE

402 Claremont Avenue.

Jersey City, N. J., U. S. A.

Patented August 25, 1903, March 7, 1905, and November 21, 1905. Other Patents Allowed and Pending

SPECIAL FEATURES OF THE REX SYSTEM

EXPANSION AND CONTRACTION OF THE SUP-PORTING BARS ARE RENDERED HARMLESS

PERMANENTLY FLEXIBLE AND YIELDING BEARINGS FOR THE GLASS

THE ASBESTOS FIBRE CANNOT DETERIORATE WATER AND DUST PROOF SPRING JOINTS AT EACH LAP OF THE GLASS

THE GLASS IS SET SO THAT EACH LIGHT IS INDEPENDENT

WATER-TIGHT JOINTS AT THE EDGES OF THE GLASS

THE GLASS IS KEPT FREE FROM BINDING AND FROM COMING IN CONTACT WITH ANY RIGID PART

REX PUTTYLESS GLAZING is wholly free from the use of putty

COST OF REX SYSTEM CONSTRUCTION IS MOD-ERATE AND NOT IN EXCESS OF ANY OTHER METHOD of glazing construction

Write for Detail Circular

CORBIN & STULL

District Representatives

LAND TITLE BUILDING

Our Illuminating Engineers Are at Your Service

- We are pleased to offer to architects the suggestions, advice and hearty co-operation of our large corps of illuminating engineers.
- We are vitally interested in the universal development of more effective and more efficient lighting of all kinds and, to this end, freely offer the seasoned experience and unbiased judgments of our lighting experts.

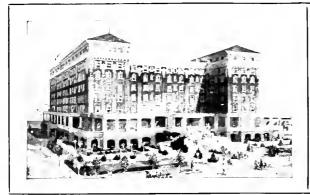
GENERAL ELECTRIC COMPANY

PHILADELPHIA OFFICE:
Witherspoon Building

PRINCIPAL OFFICE: Schenectady, N. Y.

SALES OFFICES IN ALL LARGE CITIES

CHAMBERLIN METAL WEATHER STRIP





HOTEL CAPE MAY, Cape May, N. J. Architect, F. J. Osterling

C. HARTMAN KUHN, Residence, Devon, Pa. Architect, Horace Trumbaner

CHAMBERLIN METAL WEATHER STRIP

keeps out the snow and cold of winter, prevents the windows rattling and cuts down the fuel bill. In summer it keeps out rain and dust. It is the simplest, the most satisfactory and by far the most economical in the end. It does not deteriorate nor wear out.



THOS. F. BAYARD, Residence Wilmington, Del.

CHAMBERLIN METAL WEATHER STRIP

is specified by the leading Architects and Engineers for Private Houses, Churches, Schools, Office Buildings and whenever and wherever comfort is desired.



WM. T. WRIGHT, Residence, Wayne, Pa. Architects, Brockie & Hastings



VILLA NOVA CO , Ltd., Villa Nova, Pa. Architects, Bailey & Bassett

A. E. SNOWMAN, Manager

CHAMBERLIN METAL WEATHER STRIP CO.
708 Real Estate Trust Building PHILADELPHIA



The Master Builders' Exchange

Permanent Exhibition

PHILADELPHIA

OFFICERS:

FRANK H. REEVES, President JAMES JOHNSTON, 1st Vice-President H. S. ANDRUS, 2nd Vice-President JOHN R. WIGGINS, 3rd Vice-President

HENRY REEVES, Treasurer

CHAS. ELMER SMITH, Sec'y & Gen. Supt.

BOARD OF DIRECTORS:

J. TURLEY ALLEN
H. S. ANDRUS
F. F. BLACK
D. O. BOORSE
JOS. E. BROWN
JNO. J. BYRNE
JOHN D. CARLILE

F. M. HARRIS, JR. JOHN H. HOLMES WM. B. IRVINE JAMES JOHNSTON WM. S. LILLY JOHN S. MAKIN FRANK H. REEVES

WM. T. REYNOLDS
A. J. SLACK
P. S. SMITH
JOHN S. STEVENS
JACOB L. TYSON
GEO. J. WATSON
JOHN R. WIGGINS

The largest and most complete

Display of Building Materials

in the United States

OPEN DAILY FROM 8 A. M. TO 5 P. M.

EXHIBITION COMMITTEE

CHARLES GILLINGHAM,

H. S. Andrus

Chairman

A. RAYMOND RAFT CHARLES ELMER SMITH.

A. J. SLACK

HENRY REEVES

Superintendent

Building Materials shown in the Permanent Exhibition of the Master Builders' Exchange

Art Glass

Artificial Gas Machines Artificial Marble

Artificial Stone Asbestos Lumber

Asphalt Shingles, Rooting

Bath Tubs Blue Prints

Boiler Cleaner Bricks

Brick Mantels Builders' Hardware Builders' Supplies

Brushes Cabinet Work

Cement Cement Blocks Cement Columns

Cement Floors Cold Water Paints

Concrete Machinery Contractors' Equipments

Corner Beads Electrical Fixtures Electrical Supplies

Electrical Writing Machines

Elevator Cages Enamels

Enameled Bricks Expanded Metal Expansion Bolts

Filters

Fireproof Construction

Fireproof Windows Fire Brick Fire Proofing Floor Stains

Floor Enamels Flooring

Force Feed Lubricators

Gas Appliances Gas Grates Gas Heaters Gas Logs Granite

Graphite Grilles and Fretwork

Hardware Hardwood Floors

Heaters and Ranges Hollow Bricks

Instantaneous Water Heaters Iron Work-Ornamental

Kitchen Sinks Ladders Lavatories

Laundry Machines Laundry Tubs

Lumber

Mantel Mill Work

Marble Mosaic

Metal Corner Beads Metal Lath Metal Truss Lath Metal Lockers

Metal Roofing

Moravian Pottery, Tiles Paints for Roof, Floor and Wall

Paint—Damp Resisting Parquetry Floors

Plaster

Plumbers' Supplies Prismatic Glass

Radiators for Steam and Water

Ranges Refrigerators Roofing Felt Roofing Slate

Roofing Tile Safety Treads

Safety Gates Sash Balance

Sash Doors and Blinds

Sculpture

Sheet Metal Work, Roofing Sheet Iron Manufactures

Slate and Tile Roofs Sliding Blinds Somstone Products

Stained Glass

Steam and Hot Water Heating

Steam Traps Steam Specialties Terra Cotta Tile Terra Cotta Vases Terra Cotta Chimney Tops Tiles and Fireplaces Time Registering Clocks Vapor and Vacuum Heating

Varnish and Shellae

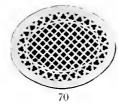
Veneered and Hardwood Floors

Ventilators Venetian Blinds Wall Coverings Wall Enamels Wash Stand Fixtures Watelman's Clock Water Lift Weather Strips Windmills and Pumps

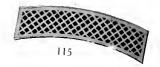
Window Screens Wire Work Wood Carving Wood Engraving Wood Mantels White Lead

BUILDERS' EXCHANGE BUREAU OF INFORMATION, BELL 'PHONE, WALNUT 1156

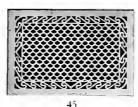
Philadelphia, Pa. 144 N. Second St.

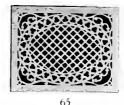


Boston, Mass. 26 Union Street



Established 1858





"HIGHTON" stands for PERFECTION

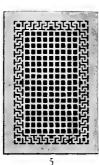


WM. HIGHTON & SONS CO.

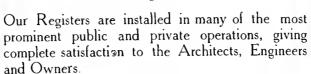
HIGH GRADE
WARM AIR REGISTERS
VENTILATORS, GRILLES, SCREENS
AND
HEATING SPECIATIES



NASHUA, N. H.



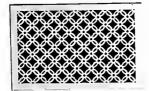
In addition to a large line of stock patterns and many special designs of our own, we make Registers and Grilles from original designs for any order of decoration, and finish in every possible combination of surface or color to match Hardware, Woodwork or Furnishings.

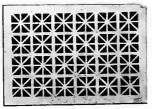




These engravings give only an idea of the design. We will furnish full size detail blue prints on application.

When writing your next specifications. Ask our representative to call on you







75

CHAPMAN DECORATIVE CO.

Show Rooms 1502 WALNUT ST., PHILA.

DECORATORS & CABINET MAKERS

FACTORY 909-911 Hamilton St. PAINT SHOP 2 North 20th St. UPHOLSTERY SHOP " "



Breitnall Building, Phila., Charles W. Bolton & Son, Architects

WHITE BRICK used in construction of this building manufactured by KITTANNING CLAY PRODUCTS CO.

Sold by

Shellenberger & Smith

303 Builders Exchange

SLATE and CLAY PRODUCTS

AKRON TILE

KITTANNING and OTHER GRADES FACE BRICK

ALL MAKES ROOFING and STRUCTURAL SLATE and SLATERS' TOOLS

SEWER PIPE and FLUE LINING

Chas. J. Field & Sons

BUILDERS' HARDWARE

Carpenters, Machinists
Railroad and Contractors

TOOLS

GOVERNMENT SUPPLIES

633 Market Street

and 624 Commerce St.
PHILADELPHIA

Altred C. Watson

John Robinson

Watson & Robinson

Wood Working Mill

49 to 63 Queen St., Germantown Philadelphia

Being fitted up with the latest improved machinery, dry kiln, etc., we are prepared to furnish the best quality of work on the most reasonable terms.

— Estimates furnished —

STAIR BUILDING, MANTELS, FINE
CABINET AND INTERIOR WOODWORK OF EVERY
DESCRIPTION

WINDOW AND DOOR FRAMES

SASH, SHUTTERS, BLINDS WOOD MOULDINGS



Keeping things warm

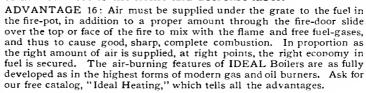
If some one is late to the meal, you can keep the food warm, or you can keep nice and hot those plates and dishes that must be served so, to be tasteful and relishable, by placing in your dining-room one of our oven-radiators.

AMERICAN & DEAL BOILERS

are the highest achievement in house warming and domestic economy. IDEAL Boilers save the cost of the entire outfit in a few years and AMERICAN Radiators distribute Florida weather throughout the house. Anyone can

care for an IDEAL Boiler. It is automatic and absolutely safe. AMERICAN Radiators supply a gentle warmth without the dust and dirt of hot-air furnace, stove or open fire. They are designed as a part of the general scheme of home

comfort, economy, and beauty and so made as to collect no dust. The oven-radiator is but one of many kinds designed to add comfort to the home and decrease labor.



Do not wait to build a new home, but enjoy comfort and content in the present one. No tearing up nor disturbing occupants or old heating equipment. Sizes for all classes of buildings—smallest to largest—in town or country. Our free book, "Ideal Heating Investments," tells much that it will pay you well to know. Write us today kind and size of building you wish to heat. Prices are now most favorable.



A No. W-2-25 IDEAL Boiler and 500 ft. of 38-in, AMERICAN Radiators, costing the owner \$245, were used to Hot-Water heat this cottage.

At these prices the goods can be bought of any reputable, competent Fitter. This did not include cost of labor, pipe, valves, freight, etc., which installation is extra and varies according to climatic and other conditions.

Showrooms in all

<u> American Radiator Company</u>

Write to Dept. 19 Chicago





Some of our "Special" Art Work

Sun Dials
Pedestals
Benches
Divans
Tables
Fountains
Coping
Balustrades
Mantels

All sizes All designs

Products in Concrete and Imitation Stone for Gardens, Lawns and Dwellings Ornamental Plaster Ceilings, and Side Wall Decocations Modelling: Stone and Wood Carving Special prices gibing in natural Stone, Marble and Wood

The Whitman Studio,

1228 Locust Street



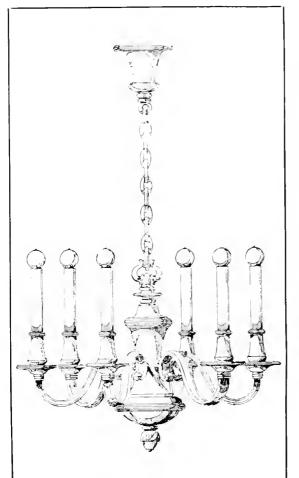


RUSSELL & ERWIN MFG. CO.

MANUFACTURERS OF

ARTISTIC HARDWARE

Philadelphia Showroom - - 1201 Chestnut Street
New York Showroom - - 105 W. 40th Street
New York Showroom - - 94 Lafayette Street
Chicago Showroom - - 26 Lake Street
San Francisco Showroom - - Monnodnock Building
Factory - - - - New Britain, Conn.



LAWRENCE GAS FIXTURE MFG. CO.

Designers and Manufacturers of

GAS, ELECTRIC AND COMBINATION FIXTURES : ::

129, 131, 133 & 135 N. Twelfth St. Corner Cherry Street

PHILADELPHIA



COLLEGE OF PHYSICIANS 22d and Ludlow Sts COPE & STEWARDSON,
Architects

Philadelphia R. GILPIN.



HEATING and MEDICAL SCIENCE COMBINED HEATED BY

MILLS BOILERS

MANUFACTURED ONLY BY

The H. B. SMITH CO.

1225 Arch Street

MILLS-MERCER-MENLO **BOILERS**

also

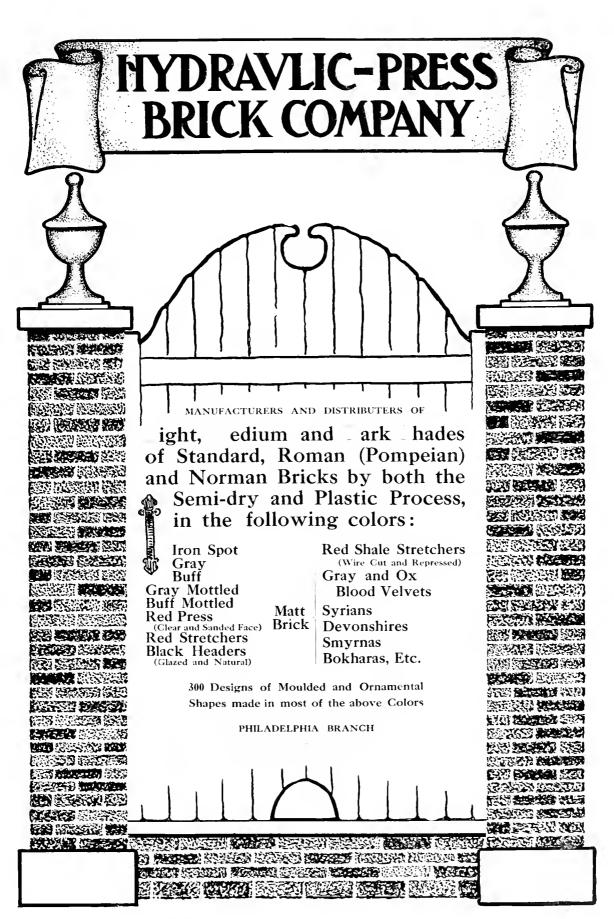
Highest Grade Radiation for Steam and Hot Water Heating

A few residences in which our apparatus is installed: EDGAR SCOTT, Lansdowne, Pa., H. Trumbauer, Architect W. C. FREEMAN, Chestnut Hill, Pa., Chas. Barton Keen, Architect

J. H. RANKIN, Wissahickon Ave. and Horter Street, Rankin, Kellogg & Crane, Architects

FRANK R. WATSON, N. E. Cor. Wayne Ave. and Junction Street, Watson & Huckel Architects

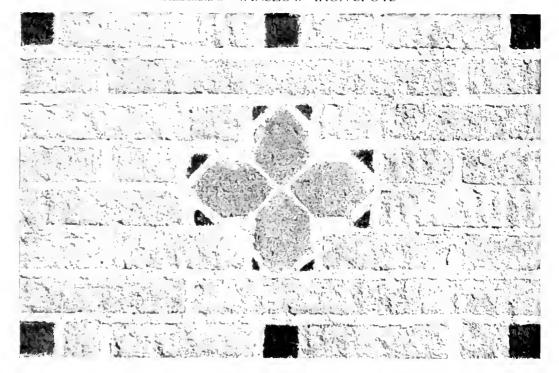
PHILADELPHIA COUNTRY CLUB, West Fairmount Park, Cope & Stewardson, Architects



HYDRAULIC-PRESS BRICK COMPANY

PHILADELPHIA BRANCH

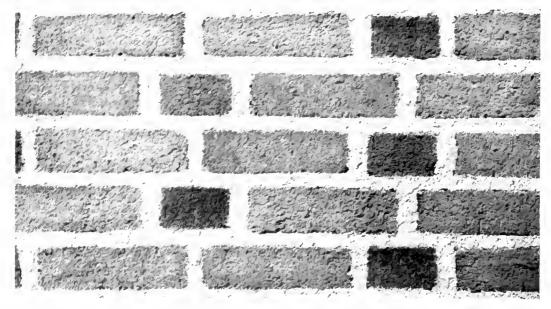
Manufacturers of "WINSLOW IRON-SPOTS"



Gray Velvet Matts.

ON the following pages no attempt has been made to exploit the "Winslow Iron-spot" bricks. Their popularity is so well established by their widespread use that any description would be superfluous. It is of interest to note that one of the earliest users of Iron-spot bricks was the late Stanford White, for whom they were specially manufactured for use in the Tiffany House, New York City. Since that time prominent architects in all parts of the country have specified "Winslow Iron-spots" to the exclusion of those of any other manufacture.

The purpose of this article is to make it known that we are not confining ourselves exclusively to the manufacture of bricks, but are making use of our exceptional selling facilities and wide acquaintance with other manufacturers to destribute their bricks, examples of which are shown in the accompanying illustrations.



Smyrna Matts, Laid Double Stretcher, Flemish Bond

HYDRAULIC-PRESS BRICK COMPANY

PHILADELPHIA BRANCH

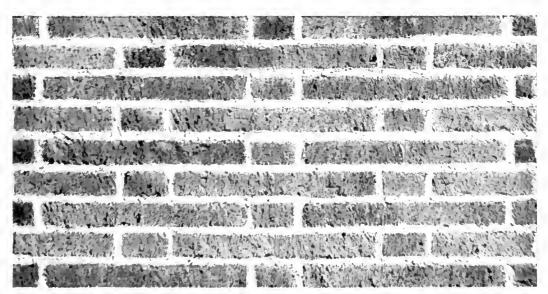
Manufacturers of "WINSLOW IRON-SPOTS"



A Residence for C. H. Geist, Esq., Overbrook, Pa.

FROM a very remote period in the history of man, down to the present day, brick has been more or less of an important factor in the architectural development of the world. It was an exigency placed by nature upon the Babylonian—the absence of quarries and forests—that first led to the utilization of clay as a building material, and if, as is asserted by eminent authorities, the earliest civilization was formed in Babylonia, brick, therefore, may be considered the earliest material used in permanent construction, as well as the basis for the invention of the arch, dome, tunnel, and other methods of vaulting which had their origin at that time. Walls and ruins of brick have been discovered dating long before 4000 B. C.

Assyria followed Babylonia very closely, using stone scarcely at all, except occasionally for foundations and facings. Two kinds of brick were generally employed—the crude, or sun-dried, and the kiln-dried, or fired brick—the latter being used principally for the facing of masses of crude brick, so as to preserve them from disintegration, especially by water, and for thin and inner walls.

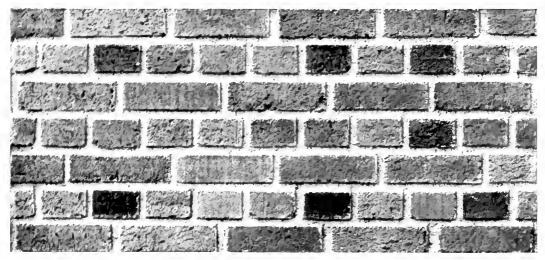


Persian Matts, Detail of Brickwork in the Above House.

HYDRAULIC-PRESS BRICK COMPANY

PHILADELPHIA BRANCH

Manufacturers of "WINSLOW IRON-SPOTS"



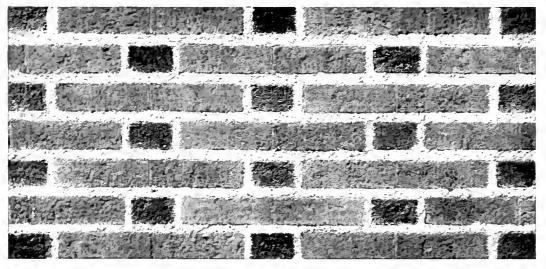
Run of Kiln Red Velvet Matts, Laid Dutch Bond.

CONSTANT progress was made in the Art of Brickmaking by nation after nation, and in the Middle Ages was evolved a wonderful variety of molded bricks which have served down to the present day as models for ornamental brickwork.

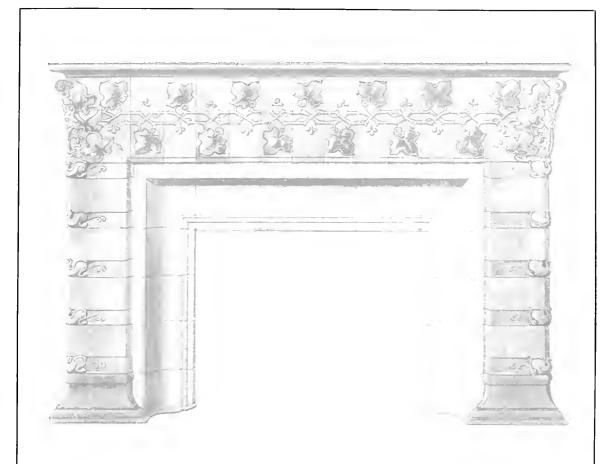
Brick, above all other building materials, possesses possibilities for artistic architectural expression, and has also a peculiar combining quality which gives it a special advantage, in that it can be used effectively in conjunction with all other building materials. It fits in readily with wood, granite, stone or stucco, concrete or steel, and this can hardly be said of any other structural product.

Modern appliances and modern methods of manufacture are enabling architects to meet their every requirement. Molded bricks are produced in endless variety of design, from simple sections, like those of cornice, plinth, and string course bricks, up to the most elaborately decorated blocks of different forms, such as diaper patterns for walls and moldings for entablature work. The uniformity of color and great exactness of shape, such as is found in the finished product of modern manufacture, is being varied by the revival of the rougher texture and harmonizing tints found in the brickwork of the ancients, and with this brickwork can be produced an effect of seeming elaboration, with plays of light and shadow, at infinitely less cost than the carvings and moldings of stone.

"The survival of the fittest" is applicable to brick, of all building materials, for, in addition to its undoubted supremacy in strength, durability, sanitary qualities, and general structural value, it may truthfully be asserted that as an artistic medium it ranks equally high



Ox-Blood Velvet Matts and Natural Black Headers, Laid Double Stretcher, Flemish Bond, Concealed Joint.



FAIENCE MANTEL

Manufactured by

American Encaustic Tiling Co., Ltd.

ZANESVILLE, OHIO

NEW YORK, N. Y.

Largest Manufacturers in the world of

WALL, FLOOR AND ART

TILE

JOHN W. REID INTERIOR DECORATOR 17 SOUTH 16TH STREET PHILADELPHIA

PLAIN AND
DECORATIVE
PAINTING
WALL PAPER
AND FURNITURE



MORRIS BUHLDING Furness, Evans & Co., Architects

Francis Bros. & Jellett, Inc.

Engineers

PHILADELPHIA

NEW YORK

We designed and are constructing the complete Mechanical and Electrical Equipment in the Morris Building

DEXTER

PORTLAND CEMENT

The Highest Standard Attainable



EVERY BAG ALIKE

Cement Stucco and Surface Finish Work cannot be satisfactory unless the color, working qualities, setting time and strength of the cement are always the same—DEXTER.

SOLE AGENTS

SAMUEL H. FRENCH & CO.

York Avenue, Fourth and Callowhill Streets,

PHILADELPHIA

Phones, Bell, Market 1924 Keystone, Main 1221

ESTABLISHED 1844

FRENCH'S

PEERLESS MORTAR COLORS

Strongest, Brightest, Unfading

BUCK WHITE LEAD

The Best White Paint

FRENCH'S VARNISHES

Durable, Elastic

TILE. MANTELS. FIREPLACE FIXTURES

MARVELO WALL PAINT

An Oil Paint producing the soft velvet effect of water color

CALCIMO SANITARY WALL COATING

A powder that mixes with cold water and guarantees satisfactory results

FIREPROOF COLD WATER PAINT INDELIBLO WASHABLE COLD WATER PAINT

- IMPORTERS -

USED AND
APPROVED BY
EMINENT ARCHITECTS

A SUCCESSFUL RECORD OF MORE THAN
TWENTY YEARS

MEIER'S

NON-STAINING

CEMENT

CAUSES NEITHER STAIN
NOR EFFLORESCENCE
WHEN PROPERLY
USED IN SETTING AND
BACKING UP
GOLITIC LIMESTONE,
MARBLE, GRANITE,
SANDSTONE, TERRA
COTTA AND FACE BRICK

A FEW OF THE BUILDINGS IN WHICH IT HAS BEEN USED

PHILADELPHIA Land Title Buildings Real Estate Trust Building Arcade Building, P. R. R. U. S. Mint Wanamaker's New Building Frick Building, Pittsburg, Pa Minnesota State Capitol St. Paul Union Railroad Station, St. Louis New Union Terminal Station, Washington, D. C. F. W. Vanderbill's Residence, Hyde Park, N. Y. P. A. B. Widener's Residence, Ashbourne, Pa. NEW YORK
Columbia University
Waldorf-Astoria
New Custom House
Manhattan Hotel
New York Clearing House

SAMUEL H. FRENCH & CO.

York Avenue, Fourth & Callowhill Streets

Established 1844

PHILADELPHIA, U. S. A.

NOTE RAPIDITY OF CONSTRUCTION

8 FLOORS AND ROOF ERECTED IN 76 WORKING DAYS AVERAGING 1 FLOOR IN 81/2 WORKING DAYS

9th-ROOF

8th Floor

7th Floor

6th Floor

5th Floor

4th Floor

3rd Floor

2nd Floor

1st Floor



BREINTNALL BUILDING, COR. 13TH AND ARCH STREETS

A RECENT EXAMPLE OF

REINFORCED CONCRETE CONSTRUCTION

ERECTED BY THE

TURNER-FORMAN-CONCRETE-STEEL COMPANY

ENGINEERS AND CONTRACTORS

1314 ARCH STREET,

PHILADELPHIA

"YALE & TOWNE HARDWARE

THROUGHOUT"

THE specification of "Yale & Towne Hardware throughout" accomplished more for the Architect than simply ensuring the highest possible standard of material and workmanship in whatever grade of Hardware his client may select.

It places at his disposal the results (in the form of patterns ready for manufacture) of the Company's painstaking study of every School and Period of Ornament as applied directly to Hardware.

The Yale & Towne Mfg. Co. offer unequalled facilities for the speedy and economical execution of original designs in any metal.

THE YALE & TOWNE MFG. CO.

Local Office, 818 Arch Street
PHILADELPHIA



GRAND STAIRCASE, Residence of George W. Blabon, Esq., Bryn Mawr, Pa., Duhring, Okie & Ziegler, Architects

Mantels - Cabinet Work - Stairs

AND OTHER

INTERIOR WOODWORK

CAREFULLY EXECUTED AND ERECTED IN ACCORDANCE WITH

ARCHITECTS' DETAILS

FINE STOCK OF HARD WOODS MOST IMPROVED MACHINERY DRY KILNS ERECTING LUMBER AND MILLWORK

"ASK FOR AN ESTIMATE"

"OUR PRICES ARE RIGHT"

LARGEST MANUFACTURER OF STAIRWORK
IN PHILADELPHIA

ESTABLISHED 1870

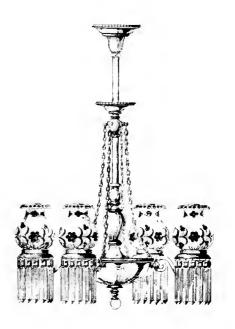
DANIEL ADAMS

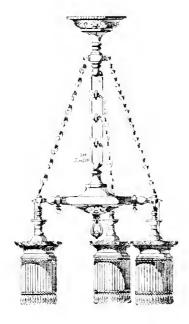
2932-2954 North Marshall Street 2931-2943 North 7th Street, Philadelphia

"U. G. I. SERVICE" FOR ARCHITECTS

The latest examples of gas lamps for every purpose are on display at our New Store at 11th and Market Streets.

We are able to show architects and builders artistic and appropriate gas fixtures for residences or public buildings where design is a consideration of importance.



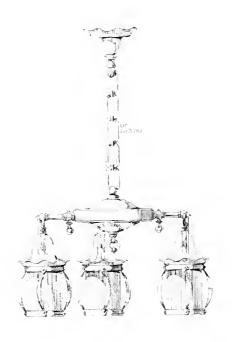


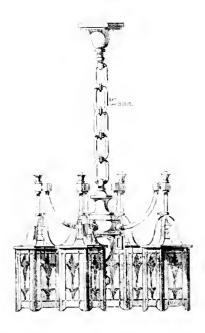
All hanging fixtures and brackets are equipped with self lighting devices.

The fixtures carrying two or more lamps have a central control; by turning a key in the centre of the fixture all the lamps are lighted or extinguished. We are also able to demonstrate lighting systems having a distance control, where the pressing of a button lights or extinguishes one fixture or a series of lamps.

For residence, hall or store lighting the BEST light is secured by using inverted gas lamps.

For "big space lighting" the gas arc is unexcelled, it gives the most light for the least money.





If you will notify us we will gladly have one of our representatives confer with you in regard to gas piping or any of the latest methods of gas lighting and ignition systems.

All data as to specifications and costs is always at the disposal of architects and builders.

THE UNITED GAS IMPROVEMENT COMPANY



MUSIC ROOM, J. J. ALBRIGHT, Esq., BUFFALO, N. Y.

Executed by

A. H. DAVENPORT COMPANY

DESIGNERS AND MANUFACTURERS OF

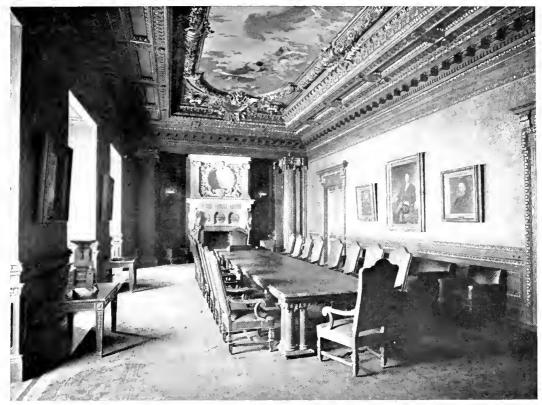
Fine Furniture and Cabinet Work

IMPORTERS AND DEALERS IN

RABRICS and Wall Coverings.
Estimates furnished from Original
Designs or from Architects' Drawings

BOSTON, 96-98 Washington St. NEW YORK, 150 Madison Ave.

Established 1835



DIRECTORS ROOM, NATIONAL PARK BANK, N. Y.

Furniture designed and executed by

A. H. DAVENPORT COMPANY

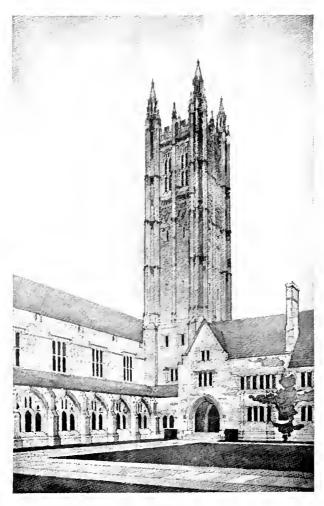
DESIGNERS AND MAKERS OF

Furniture and Interior Finish

E call your attention to the removal of our New York Establishment from 331 5th Avenue to 150 Madison Avenue, corner 32nd St, where we have increased facilities for the display of our Furniture, Wall Coverings and Decorative Fabrics for Private Residences, Clubs, Banks, Etc.

BOSTON, 96-98 Washington St. NEW YORK, 150 Madison Ave.

Established 1835



NEW PRINCETON DORMITORIES Frank Miles Day & Brother, Architects

Hardware of neat design and substantial character was used on these dormitories.

Our line includes everything requisite to completely equip all kinds of buildings with locks, hinges, knobs, etc.

Special designs executed from architects drawing.

P. & F. Corbin

New Britain, Conn.

New York

Philadelphia

Chicago



EVENING BULLETIN BUILDING, PHILADELPHIA Edgar V. Seeler, Architect

ORBIN this building.

Hardware of design and finish to harmonize with the architectural effect was furnished for

Our facilities enable us to supply promptly suitable locks and appropriate designs for residences, hotels, churches, schools, institutions, office buildings, clubs, lodges and public buildings.

P. & F. Corbin

New Britain, Conn.

New York

Philadelphia

Chicago

LX L PUMP & MFG. CO.

PATINITIS AND MAKERS OF

Simple Plumbing Specialties 957-961 North Ninth Street 958-962 North Darien Street PHILADELPHIA, PA.

PRODUCTS

AIR COMPRESSORS, BEFR PUMPS, ANTI-PREFZING CLOSETS, ATTOMATIC STRUON TANKS, STAT-ACTION and HIGH-TANK COMBINATIONS, HOPPER VALVES, HOPPER FLANGES, HOPPER VALVE RESTS, BEFR-PIPE SUPPORTS, BASIN CLAMPS, SEWAGE EJECTORS, CELLAR DRAINERS, HOUSE and WELL PUMPS, and AIR and WATER REGULATORS.

MATERIAL.

In the manufacture of our goods we use only the best brass, copper and rubber, and well-seasoned lumber in our woodwork.

QUALITY.

We manufacture a line of *simple plumbing goods* of the very best quality, as our name "TXL" implies; so that those who have used our goods all speak of them in the highest terms of praise as to their appearance and working qualities. In their construction we use no special washers, for our motto is "Simplicity."

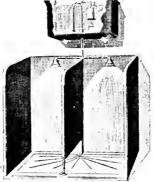
"TAL" MR COMPRESSOR OR BILR PUMP. The "TX L" Air Compressor and Beer Pump is extensively used by doctors, dentists, barbers, hotel-keepers, and other users of compressed air.

It is a quick producer of air, for in a few minutes you get the full pressure. It collects no slime, and gives a dry, pure and cool body of air at each stroke. It is not affected by muddy or gritty water, as there are only two washers on inside of compressor. It will reduce water rent about 60 per cent.

"IXL" ANII-FREEZING CLOSET COM-BINATION. The "TXL" Anti-Freezing Closet Combination is guaranteed against freezing, if properly set. It consists of a low-down galvanized tank with hid; porcelain-lined oval-flushing rim hopper; finished oak swinging-seat, with equalized weight, self-closing hopper valve; valve rest; thoor flange; bolts and nuts. All iron is galvanized. It has no flush pipe, no washers, and no fitting inside of tank; hence complete drainage of all water surfaces. It is quickly adjusted. Fasten tank against wall, couple to closet and it is ready for use.

" SURL" URINAL COM-BINATION. The "Suri" Urinal Combination includes a "Suri" Automatic Siphon Tank (any size or style). N. P. flush pipe, brackets and "IXL" Urinal Sprays (one 8-gallon tank will feed eight sprays). It can be furnished with porcelain urinal, if desired.

Sprays are positive in action; throw a sheet of water against slab, with a downward force; will not splash, and keeps the floor dry. The mouth of sprays is so constructed that the slab forms the back of sprays, preventing the mouth from crystallizing



"SURI" URINAL COMBINATION



"IXL" AIR COMPRESSOR



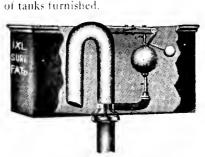
IXL." ANTI-FREEZING CLOSE I COMBINATION

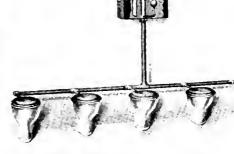


"IXL" URINAL SPRAYS

" SURI " AUTOMATIC SIPHON TANKS.

These Tanks can be used for single Closet or Urinal, Latrines or Range Closets, or a Battery of Closets or Urinals. They are positive in action, and can be operated by a drop of water or the full pressure. Siphons are made in the tollowing sizes: 11, 2, and 21 inches. Any style or size





"SURI" AUTOMATIC SIPHON TANK

"SURI" AUTOMATIC TANK, SHOWN CONNECTED TO A BATTERY OF CLOSETS

" SURO" SEAT-ACTION

This Combination includes an 8-gallon "Suro" tank (any size), N. P. flush and rod casing pipes, brackets and clamps, swinging saddle-seat with equalized weight, "Suro' COMBINATION. hinges and posts, porcelain closet (any style), floor plates, bolts, etc. When set in position, no parts can be tampered with. The seat action is positive; and tanks will give a full flush, with a displacement of 3 inches of water.

" POSITO " HIGH-TANK COMBINATION.

This Combination includes an 8-gallon "Posito" siphon tank (any size), N. P. flush pipe, brackets, clamps and chain and cut-glass pull, saddle seat and lid, "Suro" hinges and posts, porcelain (any style) closet, floor plates, bolts, etc. It is positive in action.

"IXL" WATER OR ATR REGULATOR.

The "IXL" Regulator for controlling any pressure can be used in conjunction with the "1 X L" Air Compressor or Beer Pump. It is quick in action, and does not labor in opening. It can be used for either water or air.

"IXL" BEER PIPE SUPPORT.

The Beer-Pipe Support prevents the breakage, kinking or flattening of the beer pipes. The pipes having a large radius lie in a channel of

the support; and, having a bell-shaped mouth, the support allows a full swing of the beer pipe in all directions, making it impossible for the beer pipes to flatten or kink. It can be adjusted while the pipes are in position.

PRICES.

Our prices are low, when you consider the quality of our products.

DISTRIBUTION.

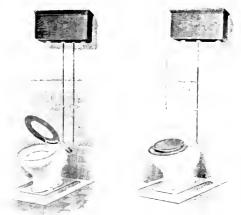
We sell to the trade only. Send for descriptive catalogue with prices and discounts.

GUARANTEE.

We guarantee all of our goods for one year (five, if necessary), to be positive in action, and to save water taxes.

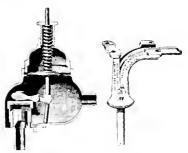
REFERENCES.

Send for list of testimonials.



"SURO" SEAT-ACHON CLOSET COMBINATION

" POSITO " HIGH-TANK COMBINATION



WALLE OR ATR REGLEATIVE

INT. BLUE PIPE SUPPORT



No development in Building Materials has attracted so much favorable comment as

KILLS DAMPNESS

All the objectional features of the forerunners in this line have been eliminated and many improvements have been made, making - ____ the ideal damp-proofing and the best yet offered.

Manufactured by

L. SONNEBORN SONS, INCORPORATED

262 PEARL STREET, NEW YORK

Factories: Bellville, N. J. Philadelphia Offices: Builders' Exchange and 236 N. Delaware Avenue Petrolia, Pa.

BENJAMIN K. NUSBAUM, Manager Damp Proofing Department



What is it? What for? A PACKLESS GRADUATING VALVE.

What is meant by control?

What benefit is this?

To CONTROL the HEAT at EACH RADIATOR. That you can Heat, ONE-QUARTER, ONE-HALF, THREE-QUARTERS or ALL of each Radiator, to

meet the varying demands of the weather in each room. Absolute comfort and a SAVING OF 25 to 40 per cent.

of steam, which spells economy.

How used?

What about cost?

On atmospheric, vapor, vacuum or modified systems of heating where economy and heat regulation of each radiator is desired.

NO MORE TO INSTALL THAN IT COSTS FOR A FIRST-CLASS SYSTEM OF HOT-WATER

HEATING.

SEND FOR ILLUSTRATED BOOKLET ON PRECISE HEATING

HAYNES-THOMPSON COMPANY

Heating and Plumbing Materials 1705 CHESTNUT STREET



CHARLES W. LEAVITT, JR., LANDSCAPE ARCHITECT

About You and Us

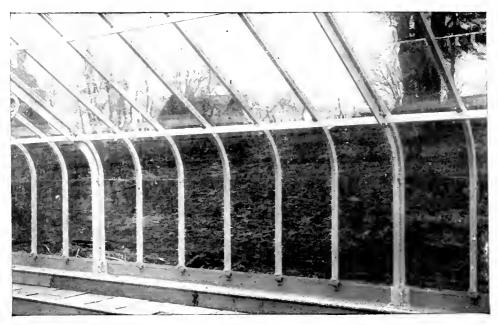
From time to time you are having various greenhouse or conservatory propositions coming to hand, involving questions that a greenhouse builder could be of assistance to you in deciding. If you would just 'phone or drop us a line, we will cheerfully co-operate with you in every possible way.

In looking over our last year's business, it is interesting to note what a large proportion of it came through the architects, and in checking off the jobs, to recall how pleasant our relations have been.

Can we be of service to you right now?

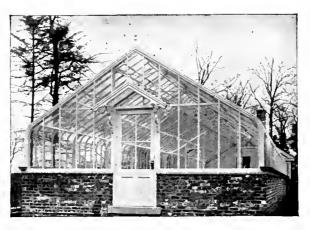


Hitchings & Company
1170 Broadway New York



本意味の問題を行うというで

Interior view of our Curved Eave Greenhouse - Note its extreme lightness.



Gable view of our Curved Eave Greenhouse-Note the absence of heavy gutters at the eave.

Hitchings & Company 1170 Broadway New York



THE CORHAM CO ARCHITECTURAL BRONZE FIFTH AVENUE **NEW YORK**



FOUNDRIES PROVIDENCE R I.

APPLIANCES THAT MAKE THE HOME COMFORTABLE

Spear's New Cooking Range

With oval fire-box, no square corners to fill up with ashes

A perfect broiling arrangement

A Grate which enables you to rake the fire perfectly and keep a perpetually fresh fire

Will provide an abundance of hot water

Will keep the fire in over night without coal gas

Will save the Owner in coal and repair bills, and the Cook in temper

Arranged for ash-pan or ash-pit

Spear's Laundry Stove

With either Water Back or Water Jacket Attachment—two Stoves in one

Send for Booklet and allow us to submit estimates



PLAIN PATTERN

Spear's New Warm Air Distributor

Warms your home by means of fresh air properly heated and distributed

Durable construction

Compare heating surface with other Heaters

Protects you against coal gas and dust

Competent Heating Engineers at your service

Also Combination—Hot Water— Steam Heating

We manufacture Open Grates and a Stove for every purpose

We invite you to call and see our Appliances in operation, or write us concerning your requirements

James Spear Stove and Heating Co., 1014 Market St., Phila.



ESTEY PIPE ORGAN IN THE HOME OF W. E. SESSIONS, BRISTOL, CONN

WHEN YOU BUILD

Plan to install in your home an

ESTEY ORCHESTRAL PIPE ORGAN

This organ is the aristocrat of musical instruments. With it you can have in your own home all the wonderful creations of the Master composers and you can

PLAY THEM YOURSELF

as well, if not better, in fact, than any artist. All the gradations of tone, time and effect may be accurately and sympathetically produced on this instrument; the full, rolling diapason that stirs the blood and makes the pipe organ the king of musical instruments or the gentle, whispering appeal that finds its answering echo in the music lover's soul. With it everything possible on a pipe organ is made easy.

Turn on your electricity, insert your music roll and you can learn to produce in a few hours that which it has taken artists years to accomplish.

Estey Orchestral Pipe Organs, installed, from \$2500 up.

Write now and let us show you more about them and give you estimates or drop into our salesrooms where we have one installed and allow us to play it for you.

ESTEY COMPANY

Pianos, Organs, Player Pianos IIIS Chestnut Street, Philadelphia

NEW YORK

ST. LOUIS

LONDON, ENG.

BOSTON

Factories, BRATTLEBORO, VT.



HALL OF MR. GEORGE W. ELKIN'S HOUSE ${\bf AT} \ {\bf ELKINS} \ {\bf PARK}, \ {\bf PA}$

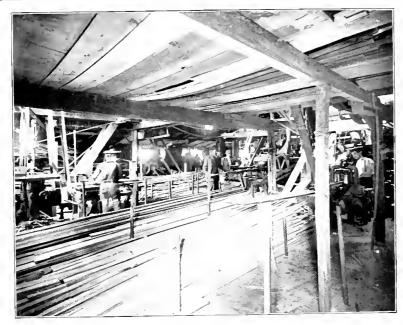
ARCHITECT
HORACE TRUMBAUER

ORIENTAL RUGS and PARQUETRY FLOORS

Ьу

FRITZ & LA RUE

1124 Chestnut Street PHILADELPHIA



PARTIAL VIEW OF OUR FLOORING PLANT

One of the main it ems outside of having dry material is the finish. To get satisfaction we had to manufacture all finishing material. We make a specialty of renovating old floors and keep them in good condition under contract.

Buy from the manufacturer direct. Goods manufactured in Philadelphia. Machines are new and with latest iniprovements. Larger stock of raw materials than any flooring concern in the U. S., giving us chance to air-dry material before it goes into the kiln. Prices for same class of material and workmanship as low and in most cases lower than any competitor.



FASTEST AND LARGEST SPECIAL FLOORING MACHINE IN THE WORLD, ESPECIALLY BUILT FOR US

FRITZ & LA RUE

Hardwood Floors and Floor Finishing Material

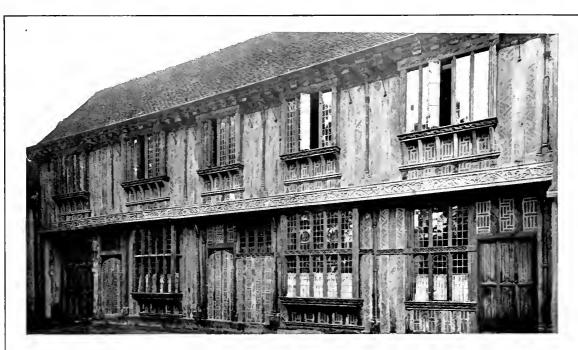
1124 CHESTNUT STREET, PHILADELPHIA

Factory, 41st St. and Parkside Ave.



Cover of our new Catalogue of Garden Furniture,—Sun Dials, Urns, Tables, Benches

Write for a copy



Restoration of Building, Essex, England, (700 years old) showing Metal Casement Windows, made by
CRITTALL MANUFACTURING CO., LTD., LONDON
Casement Windows and Sashes of Rolled Steel and Bronze Sections
U. S. Sales Agent

SAMUEL BETTLE, JR., LAND TITLE BUILDING, PHILADELPHIA.

Iron Frame Conservatories



Just because our Sectional Iron Frame Construction makes such practical, attractive greenhouses, it is especially adapted for conservatory construction.

No glass breakage—condensation drip carefully taken care of.

We are always pleased to concur with the architect sort of a cordially mutual agreement, as it were, working out much to the advantage of both.



Lord & Burnham Co. IRVINGTON, N. Y.

NEW YORK St, James Bldg. BOSTON Tremont Bldg. PHILADELPHIA Heed Bldg. CHICAGO The Rookery



A SIGN OF QUALITY

Pure white lead and pure linseed oil paint makes a beautiful and durable covering for any surface, interior or exterior.

See to it, however, that a pure white lead is used.

One sure sign of purity in white lead is the Dutch Boy Painter trade-mark on the side of the steel keg.

Specify National Lead Company's pure white lead for all painting and have your inspector look for the Dutch Boy Painter on the keg.

NATIONAL LEAD COMPANY

NEW YORK

BOSTON

BUFFALO

CHICAGO

CINCINNATI

CLEVELAND

ST. LOUIS

(JOHN T. LEWIS & BROS. CO., PHILADELPHIA) (NATIONAL LEAD & OIL CO., PITTSBURGH)



BELMONT RESIDENCE, WASHINGTON, D. C., HORACE TRUMBAUER, ASSOCIATE ARCHITECT GEO, F. PAYNE & CO., Builders

FIREPROOFING, REINFORCED CONCRETE AND METAL LATH
BY PHILADELPHIA FIREPROOFING CO. INC.,

FIREPROOF CONSTRUCTION, REINFORCED CONCRETE FIREPROOF FLOORS AND PARTITIONS HERRINGBONE AND EXPANDED METAL LATHS EXPANDED METAL, CORNER BEADS HERRINGBONE AND LUG BARS

PHILADELPHIA FIREPROOFING CO., Inc.

ENGINEERS AND CONTRACTORS

1341 ARCH STREET,

PHILADELPHIA



GEORGIAN DINNING ROOM CARVING IN THE STYLE OF GRINLING GIBBONS

FURNITURE
INTERIOR WOODWORK
DRAPERIES



DECORATIONS
WROUGHT METALS, MOSAICS
STAINED GLASS

WALL PAPERS COMPLETE TREATMENT OF INTERIORS

THE HALE & KILBURN COMPANY

1315 WALNUT STREET PHILADELPHIA



FORD BUILDING, DETROIT
Geo H. Burnham & Co., Chicago, Architects

Our Liquid Granite was made originally for floors but today is used with great satisfaction on all interior wood work.

Luxeberry Wood Finish for exterior is as near perfect as a varnish can be, for outside work.

BERRY BROTHERS, LTD.

Philadelphia Branch, 26 and 28 North 4th Street
Factory, Detroit



Residence for Mrs. L. F. Austin, Chestnut Hill, Pa , Bunting & Shrigley, Architects

HARDWARE FOR COUNTRY HOUSES

built as they are for possible occupancy the whole year through, demand much careful consideration, not only as to the mechanical perfection, but also as to architectural fitness. We are particularly well equipped in both requirements.

SARGENT & COMPANY

Makers of Builders Hardware
PHILADELPHIA OFFICE
716-717-718 WITHERSPOON BUILDING

TERRA-COTTA ROOFING TILES

Ludowici-Celadon Company

1015 Weightman Building

PHILADELPHIA, PA.

JAMES E. GORMAN, Representative

SMYSER-ROYER COMPANY

MANUFACTURERS OF

ARCHITECTURAL
AND ORNAMENTAL
WROUGHT AND
CAST IRON WORK.



LAMPBRACKETS
LAMPBRACKETS
IRONSTAIRS
ELEVATOR CARS
ELEVATOR ENCLOSURES
MARQUISES
RAILINGS, FENCING
GRILLES, ETC.
OFFICE AND
BANK WORK
PLAIN AND ARTISTIC
METAL WORK OF

MAIN OFFICE AND WORKS
YORK, PA.

PHILADELPHIA OFFICE AND STUDIOS 1506 SANSOM STREET

BALTIMORE OFFICE
214 CLAY STREET



Four cast Iron Lamp Posts of this design, were erected on the 42d St. Bridge, two at each entrance on the P. R. R., Philadelphia, per designs by Wm. E. Groben, Supt. Public Works.



Main Stairway-State Capital, Harrisburg, Pa. Jos. W. Huston, Architect

The Wm. F. Remppis Company

Wm. F. Remppis, Prest.

B. Frank Royer, Vice-Prest.

Daniel F. Yost, Sec'y & Treas.

Manufacturers of

Architectural and Ornamental Wrought and Cast Iron Work

General Structural and Building Iron Work Iron Stairs Elevator Enclosures Fire Escapes

Main Office and Works, Reading, Pa.

Railings, Fencing, Grilles, etc. Office and Bank Work Plain and Artistic Iron Work of all kinds

Philadelphia Office, 1506 Sansom Street

Baltimore Office, Builders' Exchange



Architects
FRANK MILES DAY & Bre., Philadelphia

Plumbing Contractor JOHN BLACK, Trenton, N. J.

EQUIPPED WITH

PLUMBING MATERIALS OF

Haines, Jones & Cadbury Co.

MAKERS OF PLUMBING SUPPLIES

1130-1144 RIDGE AVENUE

PHILADELPHIA

BRANCHES - SAVANNAH AND SAN FRANCISCO

OTHER RECENT INSTALLATIONS:

BUREAU OF AMERICAN REPUBLICS, Washington, D. C. Albert Kelsey, Architect

DORMITORIES, UNIVERSITY OF PENNSYLVANIA, Philadelphia Cope & Stewardson, Architects

GIRARD TRUST COMPANY, Philadelphia McKim, Mead & White and Fu

SAN CARLOS HOTEL, Pensacola, Fla.
CAFE de l'OPERA, New York
ATLANTIC NATIONAL BANK, Jacksonville, Fla.
MILLS BUILDING, San Francisco
UNIVERSITY OF FLORIDA, Gainesville, Fla.
REX HOSPITAL, Raleigh, N. C.
CAMPBELL HALL, PRINCETON UNIVERSITY

Albert Kelsey, Architect
Cope & Stewardson, Architects
McKim, Mead & White and Furness,
Evans & Co., Associate Architects
W. L. Stoddart, Architect
Henry C. Pellon, Architect
Mowbray & Uffinger, Architects
D. H. Burnham & Co., Architects
Edwards & Walters, Architects
Barrett & Thomson, Architects
Cram, Goodhue & Ferguson, Architects

We display in our Show Rooms plumbing fixtures for every requirement. A visit will be found full of helpful suggestions. Phone or write for our automobile to call at your office or at the railroad station.

RUTTY WALL PLUGS, MORSE WALL TIES, METAL BEADING, DUPLEX HANGERS

MURTA, APPLETON & CO.

AGENIS

1127 CHESTNUT STREET,

PHILADELPHIA

WHERE SAMPLES WILL BE ShOWN



MAJESTIC CHUTE OPEN

CUT STONE CONTRACTOR

Marble and Granite
Works

BUILDINGS, CEMETERY WORK AND INTERIOR MARBLE WORK :: '::



MANAYUNK LIBRARY Philadelphia, Lawrence Visscher Boyd, Architect

JOHN A. DODDS

210 South Twenty=Fourth Street

TELEPHONE CONNECTION

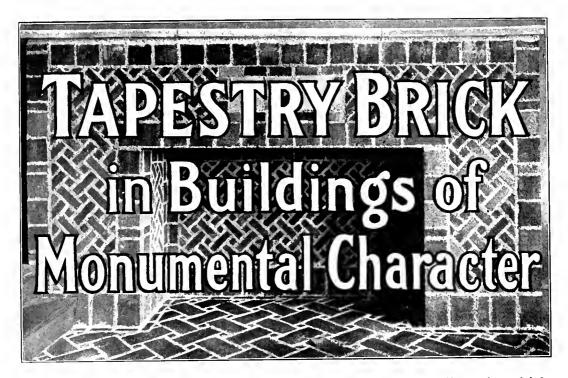
PHILADELPHIA



RESIDENCE OF MR. JOHN GILBERT. RYDAL, PA THOMAS, CHURCHMAN & MOLITOR, ARCHITECTS HEATING AND VENTILATING SYSTEM INSTALLED BY BOWERS BROTHERS & CO.

Real Estate Trust Building

Philadelphia, Pa.

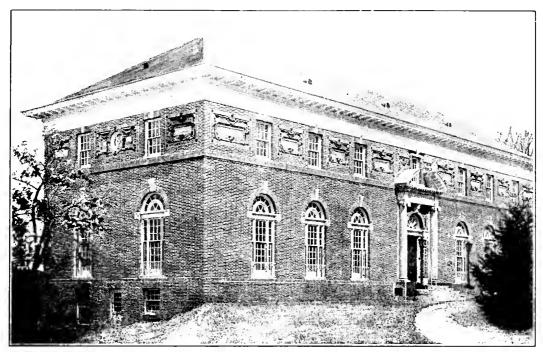


In the succeeding pages we illustrate a few of the buildings in which "Tapestry" Brick has been used. The monumental character of these buildings and the high standing of the architects from whose designs they have been erected, is of itself sufficient proof that "Tapestry" Brick is in no sense a "fad," but that it has taken its place as a standard building material, combining in the highest degree, utility, beauty and economy. Had the designers of these buildings had the least doubt as to the real merit of the material or the ultimate success of its use, it would not have been chosen for work of such importance.

Lack of space prevents our illustrating further examples, but the excellent effects produced by "Tapestry" Brick in buildings of a similar nature in almost every large city east of the Mississippi River, warrants our statement that "Tapestry" Brick is pre-eminently desirable and particularly adapted not only for country and city houses but for churches, libraries, hospitals, clubhouses, schools, fraternal buildings and high grade apartments.

Even the careful description of the texture, bonding and selection of the brick which we present on the following pages can give but a slight idea of the beauty of "Tapestry" Brick; the only adequate impression is one gained from the buildings wherein it is used, and we cordially invite not only the inspection of those illustrated herewith, but of those in other cities, a list of which will be furnished to any one sufficiently interested to inquire.





RUSSELL SAGE HALL, NORTHELLED SEMINARY, NORTHELLED, MASS. DELANO & ALDRICH, ARCHITECTS

Color of Bricks

A mixture of light red to extremely dark blue "Tapestry" Brick, with some sixteen to twenty intermediate shadings, many of which appear on a single brick.

Size of Bricks
Texture of Bricks
Bond of Brickwork
Mortar Joints
General Effect

18" by 1₁₂" by 6".

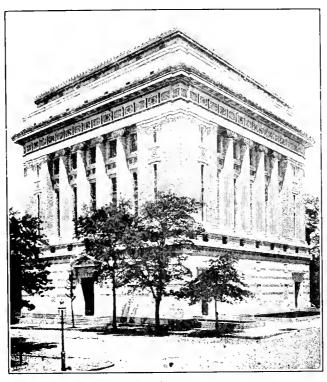
Extremely rough.

Flemish.

Grav, 1" wide, rough cut flush.

At a distance, this building is of a reddish gray tint, the contrasting colors of the individual bricks being entirely eliminated by the great number of intermediate shadings and the relatively large size of the mortar joint. At a closer view point, the different shades are very pronounced, although in perfect harmony—in fact, the more the work is studied, the more the impression grows that "Tapestry" brickwork has artistic possibilities far beyond our powers of description. The medallions which are shown in the upper story of this building are "Brickotta."

ISKE & COMPANY INC ACE BRICKS ESTABLISH LIRE BRICKS ED IN 1864



PROOKLYN (N. Y.) MASONIC TEMPLE LORD & HI WLETT, ARCHITECTS "FILL & CORDETT, ASSOCIATED

Color of Bricks

Cream gray, light brown and coffee, "Tapestry"

Brick; shades 121, 122, 123, 124.

Size of Bricks

8" by 21/4" by 334".

Texture of Bricks

Rough.

Bond of Brickwork

Special, each multiple being made of four bricks laid with blind joints, to give a brick which appears

to be 1614" long by 434" high.

Mortar Joints

The blind joints gray, about 14" thick, the regular joints 7, " to 1" thick, all tooled smooth.

General Effect

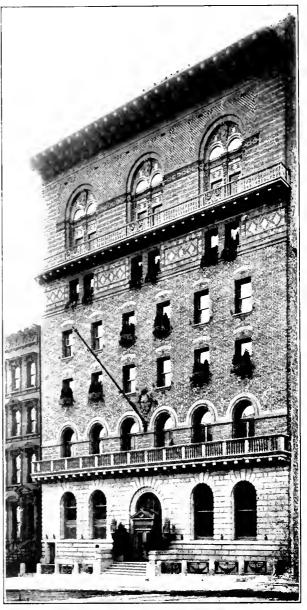
A soft, gray brown, with a tinge of faint violet in certain lights. The treatment of the brick being very unusual and the contrast of the polychrome terra-cotta being so effective, this building rivals in the color and character of the brickwork, any building erected in New York during the past ten years.

SISKE & COMPANY INC CE BRICKS) ESTABLISH IRE BRICKS) ED IN 1864

COLOR OF BRICKS

Light brownish gray "Tapestry" Brick; the diaper pattern of white headers; mosaic in top story blue, white, gray and brown; mosaic at fifth story of white, gray and brown "Tapestry" Brick. At the intersection of the diapers and in the field of the upper story mosaic is a conventional lotos, in white on a brown ground. Over two thousand of these lotos bricks were used in the front.

Color is added by the high lights in the overhanging cornice and in the balcony at the fifth story, in both of which deep orange and dark blue are used. The soft tones of the brickwork, contrasting with the deep colors mentioned and with the dark green boxwood shrubbery in the windows, have been favorably commented upon by discriminating critics from all over the civilized world.



LOTOS CLUB, WEST 57TH STREET, NEW YORK DONN BARBER, ARCHITECT

Size of Bricks

12" by 212" by 4" and smaller sizes in the mosaics.

Texture of Bricks

Very rough.

Bond of Brickwork

Special, to show pattern.

Mortar Joints

Gray, 34" thick, raked out 14" deep.

ISKE & COMPANY INC ACE BRICKS ESTABLISH IRE BRICKS ED IN 1864

BRICKWORK DETAILS

The details of historic brickwork have never been compiled in convenient form, but are scattered through innumerable books, magazines and loose photographs. The accumulation of anything like complete data on the subject involves a lifetime of study and research which the average architect, with his thousand and one problems, cannot hope to give.

The awakening interest in better brickwork in America seems therefore to have created the need of expert service in connection with its design and execution, and we have been called upon during the last year by many of the leading architects in New York to render assistance in these matters.

We have therefore organized a designing and drafting department and are prepared to help the architect in the preparation of his drawings of the façade, to submit for his approval water-color sketches and working drawings showing the detail of both plain and pattern brickwork, and to assist in drawing up specifications as to the style of bond, the composition, mixing and use of the mortar and other details of brickwork which may be required.

We are prepared to lay up brick in any desired style on the proposed site or elsewhere, thereby offering an opportunity of studying the effect of the proposed brickwork long before the plans are completed and the contracts let.

If necessary we will send an expert to the job in its early stages to see that the work is properly started and that the architect's "Clerk of the Work" is fully posted, so that he may intelligently supervise the work as it progresses.

The detailing and execution of highly ornamental and special pattern work has become a question of expert knowledge and skill, and having been actively connected with the execution of much of the fine work which has been done in and around New York within the last few years, we are pleased to offer to architects and their clients, such assistance as lies within our power.

The interior lining just completed in the Tap Room of the Hotel Belvedere at Baltimore, of which Parker, Thomas & Rice are the architects, and which is illustrated on the following page, is an example of our work.



PROMOTERS AND DESIGNERS OF ARTISTIC BRICKWORK

"TAPESTRY" BRICK AND TILE

FOR

=INTERIORS=



TAP ROOM-HOTEL BELVEDERE

BALTIMORE — MARYLAND

PARKER, THOMAS & RICE, Architects

A. B. LE BOUTILLIER

Designer for FISKE & CO., INC.

(See preceding page)

ISKE & COMPANY INC ACE BRICKS) ESTABLISH IRE BRICKS) ED IN 1864

M. & D. RANGES

The distinctive features of the M. & D. RANGES leave them without a rival and place them beyond the recognition of a competitor in their class.



The Original Round Fire Pot, the method of operating and controlling the draft, the balanced oven door, and the means of properly ventilating the oven are a few of the most important points in this range. The high closet differs materially from others and is in strict keeping with the quality of these ranges. Where desired it can also be furnished with the high shelf. The grate is of a revolving pattern with draw centre so as to conveniently remove clinkers. The water back is correctly proportioned and gives an excellent supply of hot water. Made in four sizes, single or double oven, and three sizes, coal and gas combination. By specifying these goods, architects will be giving their clients the BEST range that money can buy

THE MAKIN HEATING COMPANY, 24 S. 7th St., Phila., Pa. MANUFACTURED BY THE M. & D. RANGE CO., CHICAGO, ILL.



Residence of S. S. Pels, Esq., 39 and Walnut Sts., Newman & Harris, Arch's



Residence of F. Wallace Amistron r. Esq. Moorestown; N. J. Price & McLanahan, Architects

The Makin Kelsev Fresh Air System of Heating

Is specified by leading Architects

Because clients are guaranteed warm houses.

Because unsightly, dust collecting radiators are not required

Because there are no pipes to freeze, no valves to leak.

Because there is absolutely no dust or gas.

Because there is no dead, warmed over air.

Because fresh air properly warmed and enough for heat and ventilation is forced into every room.

Because for small houses, the largest and finest class of city or country residences, churches and schools, there is no

other system of heating at ANY price that is so health-

ful, economical and easily managed. BECAUSE 36,000 KELSEY WARM AIR GENER-ATORS have been sold to home owners with results that have caused them to be recommended most highly.

Investigate the Kelsey Mechanical System for large residences, churches and schools.



THE MAKIN HEATING COMPANY

BUILDERS EXCHANGE, PHILADELPHIA

KELSEY HEATING COMPANY

MAKERS, SYRACUSE, NEW YORK



DESIGNED BY N. LE BRUN & SONS

The Architect's Side and Our Side

We simply get together and talk over the green house question with the architect. One brings in his skill as a designer and the other the practical building side, the result is decidedly satisfactory to all concerned.

The U-Bar lends itself to architectural treatment as no other construction does or can.

If you have not our catalog on file, let us know.

Call us in the next time you have a greenhouse subject to handle.

U-BAR GREENHOUSES

DESIGNERS AND BUILDERS



PIERSON U-BAR CO. 1 MADISON AVE... NEW YORK



Decorative Possibility of Brick Work

HE foreign travel and study of architects which in recent years has extended more and more off the beaten track of tourists and into the remote recesses of England, France, Italy, and Spain, have resulted in the steadily increasing appreciation of the endless architectural and decorative possibilities of brick work used either alone or in combination with other materials. The day has passed when the designer in brick could afford to rely for his architectural effect solely upon stone or



terra cotta used in association with his brick work for cornices, belt courses and the framing of windows and doors, and the color, texture, size of brick and arrangement of joints must now be studied with an

amount of care undreamed of in the past in order to realize the beautiful possibilities of this material.

The progress made by the manufacturers

of brick in the production of and endless variety of colors and surfaces in their productfully equals that of the producers of tile and terra cotta, and in order to secure absolutely new and original effects in these materials,



it is no longer necessary to go through a long series of experiments in the production of new colors and textures. The experimenting has been done by the brick manufacturers of the country, and an intelligent examination and selection of the materials now regularly manufactured is all that is necessary to insure absolute accuracy in carrying out the designer's scheme.



O. W. KETCHAM

BURNT CLAY PRODUCTS

BRICKS, TERRA COTTA, ROOFING TILE, FIREPROOFING ETC.

O. W. KETCHAM

BURNT CLAY PRODUCTS

MAIN OFFICE:

MASTER BUILDER'S EXCHANGE, PHILADELPHIA, PA.

BRANCH OFFICES:

NEW YORK—1170 BROADWAY WASHINGTON—HOME LIFE BUILDING BALTIMORE—AMERICAN BUILDING

PRODUCTS

Our Terra Cotta is manufactured at our own plant, situated at Crum Lynne, Pa.

Plain, Glazed and Polychrome Terra Cotta

MANUFACTURER AND DEALER IN

TERRA COTTA, BRICKS, HOLLOW TILE FIREPROOFING AND ROOFING TILE

REGISTERS-VENTILATORS GRILLES-SCREENS-TABLETS



Fine Ornamental Bronze
"T. & B." Quality

Special Grilles Over 400 Designs

Established 1846

Tuttle & Bailey Mfg. Co.

Boston

New York

Chicago

CONKLING - ARMSTRONG TERRA COTTA CO.

MANUFACTURERS OF

ARCHITECTURAL TERRA COTTA

PLAIN-ENAMELED-IN COLORS

WORKS

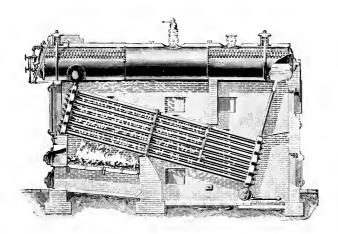
Philadelphia
Telephone Connection

OFFICES

Builders' Exchange, Phila. 1135 Broadway, New York

The Babcock & Wilcox Company

85 Liberty Street, New York



Water Tube Boilers

We are better prepared to meet building requirements than any other makers of boilers.

We build for all kinds of space conditions. We make a special boiler for low ceiling basements.

We will cheerfully furnish drawings for any prospective work.

Books descriptive of our products and containing many useful tables and much general information about boilers and their operation furnished free upon application.

Philadelphia Office

1008-1012 North American Building

Works: Bayonne, N. J.,

Barberton, Ohio



Architect, Horace Trumbaner General Contractors James Doak & Co Iron Contractors American Bridge Co, Iron Erectors, John I. Bland & Co.

An Interesting Fact

The steel frame of the

UNION LEAGUE

ADDITION

PHILADELPHIA, PA.

is preserved with two coats of

Dixon's Silica-Graphite Paint

Joseph Dixon Crucible Co. 1020 Arch Street, Philadelphia, Pa.

Main Office and Works; Jersey City, N. 1.

3-10



BUILT OF

GIANT

PORTLAND CEMENT

Send for our free booklet describing this House. It contains many facts of interest.

HOUSE AT OCEAN CITY N. J. GRANT M. SIMON, ARCHITECT

It is a REINFORCED CONCRETE house with UNTREATED SURFACE. The walls are DAMP-PROOF and FIRE-PROOF

LESLEY & TRINKLE CO.

603-10 PENNSYLVANIA BUILDING

PHILADELPHIA



Contracting Engineers

HEATING
ELECTRICAL
WORK
POWER
PLANTS

Philadelphia's Best' The Forrest

MALCOLM W. HILL CO.

(Inc. Penna, 1906) 1503 SANSON STREET,

PHILADELPHIA, PA.

THE DE FRAIN SAND CO.

BUILDING MATERIALS

Beach and Berks Streets

Philadelphia

DELIVERIES BY BOAT, RAIL OR TEAM

Superior Fire Brick, all Shapes and Sizes

Hard Building Brick, also Hollow Bricks

SAYRE & FISHER CO. FINE PRESSED FRONT BRICK

Manufacturers of

In White, Ochre, Buff, Red, Gray, Brown, Old Gold and Mottled, Plain or Moulded

ENAMELED BRICK, ALL SHAPES AND COLORS

New York Office 261 BROADWAY

Works at SAYREVILLE, N. J. On Raritan River Telephone, 520 and 521, New Brunswick

Philadelphia Office 1215 FILBERT STREET W. L. McPHERSON, Agent

Brown Red Selected and Repressed Stretchers

Also Black End Headers a Specialty

J. S. Cornell & Son

Building Construction

233-4-5

Land Title Building

PHILADELPHIA

DIRECT CONNECTED

LIECTRIC ELEVATORS EXCLUSIVELY

 $\mathsf{B}.\mathsf{S}_{\mathsf{FF}}$

ELECTRIC ELEVATOR CO.

NEW YORK,

PHILADELPHIA,

BALTIMORE,

BOSTON

MAIN OFFICE 220 Broadway New York

PHILADELPHIA ÖEFICE Broad and Chestnut Sts. Land Title Building

FACTORY, Pacific Avenue Jersey City, N. 1

AUTOMATIC **PUSH BUTTON ELEVATORS**

FOR RESIDENCES

JOHN F. HUNEKER, President

TELEPHONE



HUNEKER & SON

INCORPORATED

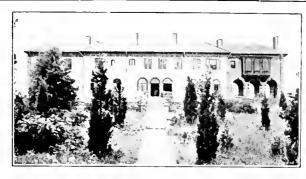
SANSOM AND SIXTEENTH STS.

CONTRACTORS FOR PLAIN PAINTING AND DECORATING

PHILADELPHIA

Residence of Mark Twain Redding, Ct.

Howells & Stokes Architects, N. Y.



Stained with Cabot's Shingle Stains

CABOT'S SHINGLE STAINS

The original shingle-stains and known by every architect to be standard and reliable. Clear, transparent colors. No tawdry or muddy effects, no blackening; no kerosene, but Creosote "the best wood preservative known."

CABOT'S SHEATHING AND DEAFENING QUILT

Cold-proof, heat-proof and sound-proof. A scientific and sanitary heat insulator and sound deadener for all buildings.

CABOT'S WATERPROOF BRICK AND CEMENT STAINS

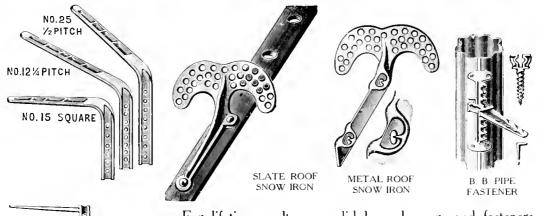
For rainproofing and coloring brick and cement walls, or for rainproofing only where no coloring is required. No painty effects.

Samples and full information on request.

SAMUEL CABOT, Inc., Manfg. Chemists, Boston, Mass. SAMUEL H. FRENCH & CO., Agents, Philadelphia, Pa.

BERGER BROS. COMPANY

We lead all others in the line of Gutter Hangers, Pipe Fasteners, Roof Snow Irons, Etc.



For lifetime results use solid brass hangers and fasteners
ASK FOR CATALOG AND SAMPLES

Tin Plate, Sheet Iron, Copper, Zinc, Ventilators, Registers, Eave Trough, Conductor Pipe, Etc.

TINNERS' AND ROOFERS' SUPPLIES

Office and Store, 237 Arch Street, Philadelphia

Warerooms and Factory, 100 to 114 Bread Street. Philadelphia

Stanley's Ball Bearing Hinges

15

WROUGHT BRONZE OR STEEL

Nothing else so good for the hanging of doors :. ". Noiseless, Artistic, Everlasting

THE STANLEY WORKS

New Britian, CONN 79 Chambers Street, NEW YORK

TWENTY-FIVE YEARS REPUTATION

STANDS BACK OF

Durable

DEXTER BROTHERS

Artistic

ENGLISH SHINGLE STAINS

Damp

PETRIFAX

Resisting

Coating for Brick, Concrete or Stucco. Produces a uniformity of color and prevents any moisture from penetrating the walls. Petrifax Enamel produces a most sanitary finish for interior walls.

Manufactured by

DEXTER BROTHERS COMPANY

BOSTON, MASS.

Agent, J. D. S. Potts, 218 Race St., Philadelphia

Did You Ever Stop to Think



THAT a door, no matter where placed, receives more actual hard usage, than any other portion of the finished work of any building?

THAT all the trouble wood doors give in sagging, binding, cracking, and by requiring almost constant attention of carpenter, painter and locksmith are avoided by using our steel doors?

THAT wood doors, because of the expense of re-finishing, re-hanging and re-adjusting the hardware, usually cost many times their original price before they have lived half their lives of usefulness?

THAT dissapointment in the finished appearance of the doors and trim in your building because the painting, varnishing, etc., had to be done while the air was full of dirt and dust, can be eliminated by having our steel doors and trim delivered at the building already finished?

THAT the increased security, attractiveness and tone of a building where our doors and trim have been used, makes such apartments or offices sought by tenants.

THAT we offer you the services of skilled mechanics and a half million dollar plant built and equipped especially to make hollow metal doors and trim, under our original patents?

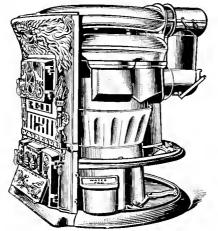
Draw on Us

DAHLSTROM METALLIC DOOR COMPANY

290 BROADWAY, NEW YORK, N. Y.

IAMESTOWN, N. Y.

Philadelphia Representative, COOPER & LUCUS, 1520 Chestnut St.



THE NOVELTY
SYSTEM of
HEATING and
VENTILATING

SPECIAL NOVELTY HEATER
For hard coal, for soft coal or for coke.
Heavy all-cast iron construction.

For the special attention of architects and their clients, and of the owners of homes that are not properly heated:

A great change in the method of heating the better class of residences is at hand. The next step forward in house construction will be FORMAL VENTILATION in connection with heating. There is now under way a great national movement, for the promotion, through the Warm-Air-Heater System of the healthful heating and ventilation of residences. It will soon be considered a barbarous and an uncivilized thing to construct a residence without any formal provision for ventilation.

In no other way is it PRACTICABLE to ventilate houses except in connection with proper warm-air-furnace heating.

No other manufacturer is so well prepared as we are to equip architects and heating contractors with the apparatus, the knowlege, the rules and the directions necessary to enable them to become expert, practical heating and ventilating engineers.

The Novelty Furnace Handbook is the only manual in existence that gives clear, complete, definite, practical rules for installing warm air heating and ventilating plants. No other manufacturer than ourselves assumes complete responsibility for every plant installed in accordance with his rules.

If your furnace dealer installs for you a NOVELTY FURNACE in accordance with the rules of the NOVELTY SYSTEM you will be absolutely sure to have a perfectly heated and healthfully ventilated house.

This is an age of sanitation, and from the standpoint of healthfulness, warm air furnace heating is immeasurably superior to direct water or steam heating.

Every authority on ventilation, every competent heating engineer, every physician who has given the question the slightest study, condemns direct steam or water heating as being in violation of nature's laws. There is no division of opinion among those who speak with authority on this subject; they agree without a dissenting voice that the only proper way to heat an apartment is by pouring pure warm air into it.

To architects and to their clients, upon whom will devolve the selection of heating apparatus for their residences, we will be glad to mail the most attractive and interesting book ever issued in the heating business.—"ONE HUNDRED HEALTHFULLY HEATED HOMES."

ABRAM COX STOVE COMPANY

PHILADELPHIA

CHICAGO

hat the ennsylvania . . o. hinks of oal ar itch and elt.

HE new Pennsylvania Railroad terminal at Thirty-Second Street, New York, is one of the great engineering enterprises of the day. The waterproofing proposition was one of great importance. When the tunnels connecting with the station were started, a new and



Fac-simile of label which appears on every barrel head of Barrett Specification Pitch



Fac-simile of label which appears on every roll of Barret Specification Felt

costly kind of waterproofing material was tried in the first section as a substitute for Coal Tar Pitch.

In tearing down the old buildings on the station site, however, Coal Tar Pitch and Felt Waterproofing was uncovered that had been in the soil for thirty years. The Pennsylvania Company's own chemist analyzed some of this pitch side by side with new material. He found that the test of time had not changed its chemical and waterproofing properties in the slightest.

These tests so thoroughly established the superiority of Coal Tar Pitch for water-proofing that it has been used exclusively (except in the first section) in waterproofing the entire tunnel across Manhattan Island.

We have already delivered over 3,600,000 pounds of pitch for this work.

Wonders

of the

Pennsylvania Station

The Pennsylvania Station at 32d Street, New York City, is the central feature of an improvement whose total cost will reach \$100,000,000.00.

The underground area is 28 acres.

Length of trackage between normal tunnel sections at each end, 16 miles.

Total excavation, 3,000,000 cubic

Proposed train service, 1,000 trains a day.

ALFRED NOBLE Chief Engineer, Penn R. R. Tunnels

McKIM, MEAD & WHITE Architects of Station

WESTINGHOUSE CHURCH KERR & CO.

Engineers of Construction

T. NEW CONSTRUCTION CO. Roofing Contractors

> THE SICILIAN ASPHALT PAVING CO.

> > and

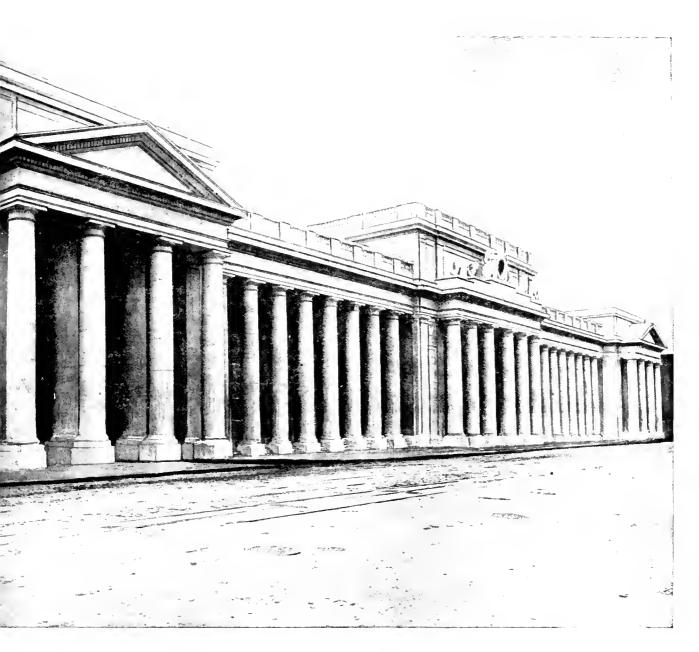
UNION CONSTRUCTION & WATERPROOFING CO.

Waterproofing Contractors



HE experience of the Pennsylvania Railroad engineers with waterproofing materials on this tunnel resulted in the roofing specifications for the station proper calling for coal tar pitch and tarred felt "equal to that manufactured by the Barrett

Manufacturing Company," and Barrett Specification Pitch and Felt have been used exclusively. ¶ Considering the importance of the work and the great care exercised by the engineers be-fore selecting the materials, the final decision to use Barrett's Pitch and Felt is proof



positive that these materials are standard for waterproofing and roofing purposes.

¶ New Waterproofing Felts and Asphaltic Compounds are constantly being brought forward, backed by promises and claims. As against this, Pitch and Felt have a record of absolute satisfaction covering more than 50 years.

When properly used under the supervision of competent engineers and contractors, no material known can equal Coal Tar Pitch and Felt for roofing and waterproofing work. E HAVE just introduced a new Reinforced Water-proofing Felt which we call Tartex. It has been brought forward to meet the demands for a Water-proofing Felt of great tensile strength. It is particularly recommended where the conditions are such as to make application of materials very difficult.

Tartex is constructed of the best quality tarred felt and cotton drilling in such a way as to make an unusually pliable sheet, the tensile strength and waterproofing properties of which are absolutely unapproached by any other similar material.

We will gladly send a sample of Tartex on request.

Tar-Rok Sub-Floors combine the waterproofing qualities of Coal Tar Pitch and the wood preserving qualities of the creosote oil in Coal Tar, making the most suitable surface on which to bed plank where a WOODEN LOWER FLOOR is desired in manufacturing plants. With a Tar-Rok Sub-Floor wooden sleepers are unnecessary.

Tar-Rok Sub-Floors are laid right on the earth and no other damp-proofing and no intervening air space is required. They cost less than air space construction, provide absolute rigidity for all machinery without the expense of separate concrete foundations and protect the floor against decay. Booklet giving details mailed on request.

BARRETT MANUFACTURING CO.

New York Pittsburg Kansas City Chicago Cincinnati Cleveland Philadelphia Minneapolis St. Louis Boston New Orleans London, Eng.

CANADIAN AGENTS

The PATERSON MANUFACTURING COMPANY, Ltd.

Toronto Montreal Winnipeg Vancouver
The CARRITTE-PATERSON MANUFACTURING CO., Ltd.
St. John, N. B. Halifax, N. S.



JAMES G. DOAK & COMPANY

BUILDING CONSTRUCTION

Crozer Building, 1420 Chestnut Street
PHILADELPHIA

KNICKERBOCKER LIME CO.

Manufacturers of

Wood Burnt Lime

Dealers in

Cement and Building Supplies

HY-RIB & RIB-LATH

EXPANDED METAL LATH

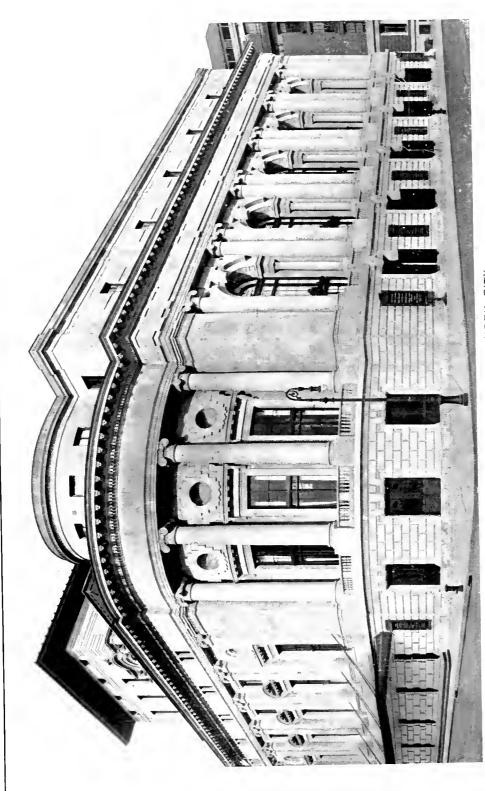
Main Depot, 24th and Callowhill Streets Branch Depot, American and Dauphin Sts. PHILADELPHIA



RESIDENCE OF H. M. NATHANSON, ESQ. RYDAL. PA . HORACE TRUMBAUER, ARCHITECT WE HAVE SPECIALIZED IN THE

ART OF RESIDENCE ELECTRICAL **EQUIPMENTS** OUR MATURE EXPERIENCE IS AT YOUR SERVICE

CONTRACTORS BUCHANAN & COMPANY



THE NEW THEATRE, NEW YORK CITY FINISHED WITH

LAMBERT VARNISHES

VITRALITE PRATT & "38" PRESERVATIVE VARNISH

PRATT & LAMBERT, INC., 100 WILLIAM STREET, NEW YORK ORK BUFFALO CHICAGO BRIDGEBURG, CANADA LONDON NEW YORK

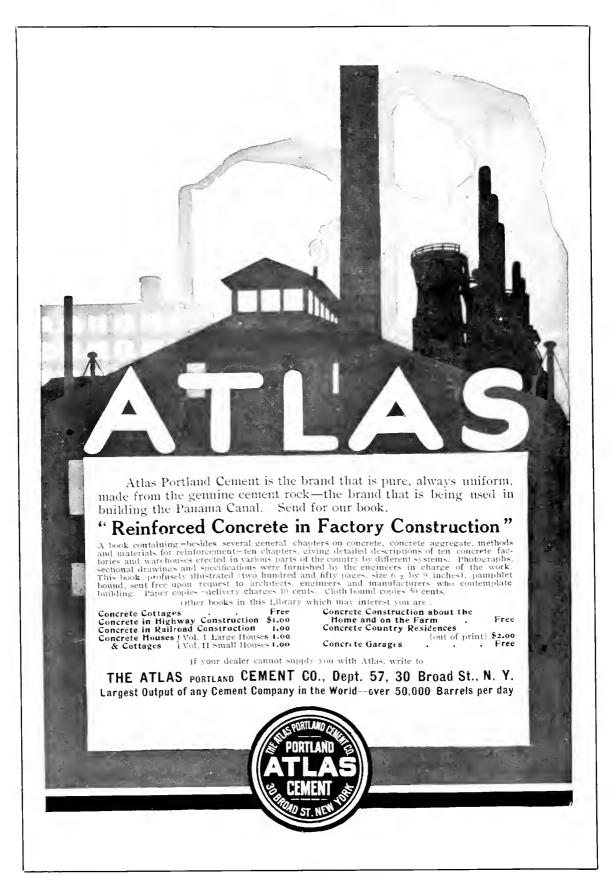
FACTORIES

HAMBURG

PARIS

DULKOTE

281





THE MODEL BOILER

DOES
SAVE COAL

SPECIFY

The most efficient system that expert mechanical engineering can devise, with boiler having all the merits of the best tubular boilers and greatly increased heating surfaces. Adapted to steam or hot water.

MODEL Heating System

Water boils almost instantly, utilizing the full value of all the heat produced in the firebox. So complete is this process that the gases and smoke carry less heat up the chimney than in any other heating system. As a result it saves one-third to one-half of the coal

Model Heating Company

PHILADELPHIA

HERBERT W. GESHWIND

1213 FILBERT STREET

PHILADELPHIA, PA.

Reinforced Concrete

Cement Paving

Brick Paving

Water Proofing

Damp Proofing

Asphalt Work

MIROMENT FLOORING

1851 SAM L. W. LEINAU

M LEINAU 1881 TO 1901

ROBERTS LEINAU 1901

ROBERTS LEINAU

PLUMBING AND GAS FITTING STEAM AND HOT WATER HEATING

NO, 111 SOUTH SEVENTH STREET

BRANCH SHOP, 20TH AND TIOGA BOTH PHONES

PHILADELPHIA

JOHN BARBER

Estimates Furnished
Telephone

Cabinet Maker Interior Wood Work Furniture :: ::

Fine Architectural Interiors a Specialty

220 CHANCELLOR STREET PHILADELPHIA, PA.

EDWARD P. FLANNERY

JOHN N. GILL & CO.

BUILDERS

Rooms 312-313 Heed Building

1213-15 Filbert Street

PHILADELPHIA

Bell Telephone, Filbert 47-32

Keystone, Race, 46-35 A

THE WEBSTER "QR" MODULATION SYSTEM OF HEATING

- Architects who desire to give their clients the best, should carefully consider the many advantages of the Webster "QR" Modulation System of Steam Heating.
- With it the old fashioned, blind manipulation of the radiator supply is superseded by the semi-automatic regulation of the Webster Modulation Valve, which gives quick response when more or less heat is required. Anything between the full heat of steam and the mild warmth of hot water can be obtained.
- It can be applied to vacuum heating systems, or to low-pressure gravity systems. The latter is especially interesting for small apartment houses, schools, and to residences, etc., as no vacuum pump is used and no licensed engineer is necessary.
- ¶ We are glad to cooperate with architects who desire further information for specific cases.

---Our booklet 23-M will be sent upon request.---

WARREN WEBSTER & COMPANY

Main Office and Factory

CAMDEN, NEW JERSEY

Philadelphia Office:

1105-6 Stephen Girard Building

Established 1888

Webster Vacuum Systems

Webster Modulation Systems

Webster Feed-water Heaters

Webster Air Washers

Webster Steam and Oil Separators

APPLETON & BURRELL BUILDERS AND CONTRACTORS

1304 CHANCELLOR STREET
PHILADELPHIA

A. WHITEHEAD Carpenter, Builder and Contractor

NO. 1624 LATIMER STREET

South of Locust, West of 16th

Telephone Connections

PHILADELPHIA, PA.

SILVER LAKE A SASH CORD



OUR NAME IS STAMPED ON EVERY FOOT OF CORD

W.H.I. wear much longer than any other device for hanging windows. It is made of extra fine cotton free from waste, braided hard and smoothly finished. Every foot is carefully inspected and guaranteed free from the many imperfections which make common cords wear out so quickly.

Specify SH.VER LAKE A, the original solid braided sash cord, and protect your clients from the trouble and expense so often experienced when common cords are used.

SILVER LAKE COMPANY

Boston, Mass.

A. WILT & SONS

723 NORTH FRONT STREET

PHILADELPHIA

MANUFACTURERS OF

Cabinet and Mill-Work

of every description

OUR SPECIALTY

REFERENCES

Y. M. C. A. Building, Camden Safe Deposit & Trust Co. Residence Hon. Wm. C. Sproul, Residence Wm. H. Wanamaker, Jr., The furnishing and erection complete of HIGH-GRADE CABINET WORK

ARCHITECTS

Philadelphia, Pa. Camden, N. J. Chester, Pa. Merion, Pa. Horace Trumbauer Newman & Harris Price & McLanahan Thomas, Churchman & Molitor L. W. MOXEY, Jr., Secretary

KELLER-PIKE CO.

Mechanical and Electrical Engineers and Contractors

1213 Race Street

Philadelphia

Lighting and Power Plants

Telephone Exchanges

Interior Wiring

Pole and Line Construction, Etc.

ELECTRO-TINT ENGRAVING CO.

Makers of

HIGH-GRADE PRINTING PLATES

for Catalogues and all Advertising Purposes

We refer to the illustrations in this book as samples of our work

Office and Works

1227-1229 RACE STREET

PHILADELPHIA, PA.

Telephone Connection

WILLIAM CONWAY

BRICK MANUFACTURER

58th AND WALNUT STREETS

PHILADELPHIA

Our Specialty is Fine Machine Made "Cherry Red" Stretchers and Hard Bricks

ORIGINAL DESIGNS

ESTIMATES FURNISHED

Century Stained Glass Works, Ltd.

ANTIQUE AND MODERN STAINED GLASS

For churches, dwellings and public buildings

212 S. Eleventh St., Philadelphia

OLDEST BLUE PRINTERS IN THE COUNTRY ESTABLISHED 1880

C. A. Blumhard Blue Paper Co.

MANUFACTURERS AND IMPORTERS

Blue and Brown Process Papers — Maps, Posters and Drawing Papers Mounted

No. 38 S. SIXTH STREET

PHILADELPHIA. PA.

Richard C. Ballinger

Ernest R. Yarnall

R. C. BALLINGER & CO. Carpenters, Builders, Contractors

OFFICE: 218 N. 13TH STREET

Both Phones

Members Master Builders' Exchange, Philadelphia

Frank E. Wallace

CONTRACTOR
CARPENTER
and BUILDER

ALL KINDS OF JOBBING AND REPAIR WORK

1210 Sansom Street
PHILADELPHIA

Both Phones



FRANCIS F. BLACK, President

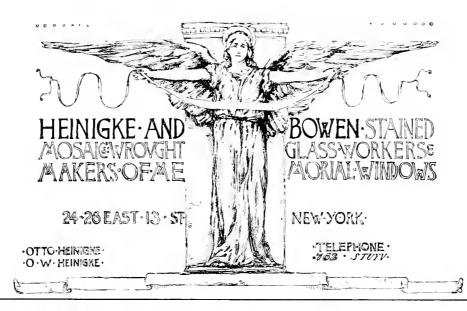
ESTABLISHED 1840

TELEPHONE CONNECTION

F. A. BLACK & SON

Painting and Decorating

No. 620 S. Washington Square (Locust St.) Philadelphia, Pa.





McDANIEL IMPROVED STEAM TRAP



Is the best for high or low pressure.

Has large outlet valves and will not blow steam. Can be taken

Can be taken apart without breaking any pipe joints

We also manufacture Exhaust Heads, Reducing Valves for all purposes, Separators for High Pressure or Exhaust Steam, Relief Valve, Ejectors, and Suction Tees

WATSON & McDANIEL CO.

152 North Seventh Street

ESTABLISHED 1878

Philadelphia

SEND FOR CATALOGUE

TERRA COTTA AND POTTERY FOR GARDEN AND INTERIOR DECORATION



Flower pots, vases, sundials, benches, statuary and other furniture for home or hotel decoration. Material is hard burned terra cotta, strong and durable in the severest climate. Workmanship of the highest order with refinement of detail and finish, making products appropriate to the most elegant surroundings.

Estimates will be given on Architectural Terra Cotta, special attention being given to balustrades pergolas and other garden work, special designs of pots, vases, etc. executed at reasonable prices.

Catalogue containing illustrations of an extensive collection of replicas of autique art with many original designs will be sent upon request

GALLOWAY TERRA COTTA CO.

WALNUT and THIRTY-SECOND STS, PHILADELPHIA

The Latest Word in Electric Pumping Machinery

RIDER-ERICSSON ENGINE COMPANY



beg to announce, that they now have ready for delivery, a full line of electric pumping machinery of their own design, embodying many improvements. Special designs for private bouse supply and for pumping from deep wells for country bouse service. Estimates promptly furnished without charge. The "Reeco" Rider and "Reeco" Ericsson engines, made by this company, are too well known to require further notice. New catalogue of both the Hot-Air Engines and Electric Pumps gladly sent upon application to nearest store.

RIDER-ERICSSON ENGINE COMPANY

35 Warren Street, N. Y. 239-241 Franklin Street, Boston 40 Dearborn Street, Chicago 40 North 7th Street, Philadelphia 234 West Craig Street, Montreal, P. 2.

WM. R. DOUGHERTY Carpenter, Builder and Contractor 1604-1606 SANSOM STREET

I give below a List of some of the Buildings I have erected

Dormitories, Nos. 22, 23, 24, 25, 27, 28 University of Pennsylvania.

D. Hays Agnew Building.

Gugenheim Ward, Jewish Hospital.

Esner Home, Jewish Hospital.

Carnegie Library, 40th and Walnut Streets.

Carnegie Library, Wissahickon Branch,

Carnegie Library, Holmesburg Branch.

Lloyd Hall, Haverford, Pa. St

Stephens Memorial Library, Manayunk.

Social Hall, Haverford, Pa.

Residence for Francis L. Potts, Bryn Mawr.

Residence for Wm. T. Wright, Wayne, Pa.

Residence for Wm. Ostrander, Elkins Park.

Residence for Alexander Simpson, Esq., Merion, Pa.

Robert Morris Building, 919 Walnut Street.

8. White Dental Co's Building, 213-17 South 12th S.

BEST WATER SUPPLIES

FOR TOWN HOUSES AND COUNTRY ESTATES

Clear, Cold Spring Water is not always safe to drink. It may be all right to-day, to-morrow it may be germ laden. The right kind of Water Filter makes it always safe and bright.



LOOMIS FILTERS, Established 1880 Improved and up-to-date in every respect

BEST RESULTS GUARANTEED

Loomis-Manning Filter Distributing Company

Main Office, 828 Land Title Building

PHILADELPHIA

BOSTON

BUFFALO

BALTIMORE

NEW YORK

CHICAGO

WASHINGTON

CORK TILING—The IDEAL FLOOR



CAFE AND GRILL ROOM, ENGINEERS' CLUB, NEW YORK. Whitfield & King, Architects

More Durable than Granite Noiseless as Velvet Carpet Architectural in Appearance Non-inflammable and Non-Slippery

Non=Absorbent and Odorless Impervious to Grease and Chemicals Cleaner and More Sanitary than Tile Requires No Care But Occasional Washing

Absolutely unaffected by Strains, Dampness or Heat and Cold. Can be laid on any backing

SOME PROMINENT BUILDINGS WITH CORK TILE FLOORS

New York Public Library, N.Y. Hotel Astor, N.Y. Aldine Hotel Philadelphia. Hotel Knickerbocker, N.Y. Bellevue-Stratford, Philadelphia National City Bank, N.Y Knickerbocker Trust Co., N.Y.

Allegheny County Soldiers Memorial, Pittsburgh
Fennsylvania Railroad Terminal, New York
Columbia University, Law Library, New York
Connecticut State Library, Hartford
Johns Hopkins Hospital, Baltimore
Underwriters Laboratories, Chicago
Union League, New York.

Jannes McCrea Res., Ar-lmore, Pa
Jay Cooke 3d, Res., Philadelphia
W. Hinkle Smith, res. Bryn Mawr
D. H. Burnhaur res., Evanston, Ill.
W. K. Vanderbilt, Res. New York
John Jacob Astor, Res., New York
University Club, Chicago

For Banking Rooms, Offices, Libraries, Churches, Court Houses, Billiard Rooms, Restaurants, Dining Rooms, Laundries, Kitchens, Pantries, Bathrooms, Halls.

DAVID E. KENNEDY, Inc., 1933 Market St., Philadelphia

Distributors for the Armstrong Cork Company

NEW YORK 420 Fifth Ave.

CHICAGO 218 La Salle St.

BOSTON 164 Federal St.

ST. LOUIS 913 Security Bldg.

SEE PAGES 266-267 IN "SWEETS" CATALOGUE

•		
		c



EINE YELZ LIBRARY

Please return this book as soon as you have finished with it. It must be returned by the latest date stamped below. University of Pennsylvania

F. Habita and and

9442

DO NOT REMOVE

SERVICE CHARGE MADE

IF DOOK RETURNED

- ENNLY CHARLES

PERIOR HIMSTITUTE-OF-ARCHITECTS#YEARBOOK

9443

